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NORTH DAKOTA

AGRICULTURAL STATISTICS

1983

Compiled by

NORTH DAKOTA CROP & LIVESTOCK REPORTING SERVICE

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Issued

Cooperatively

by

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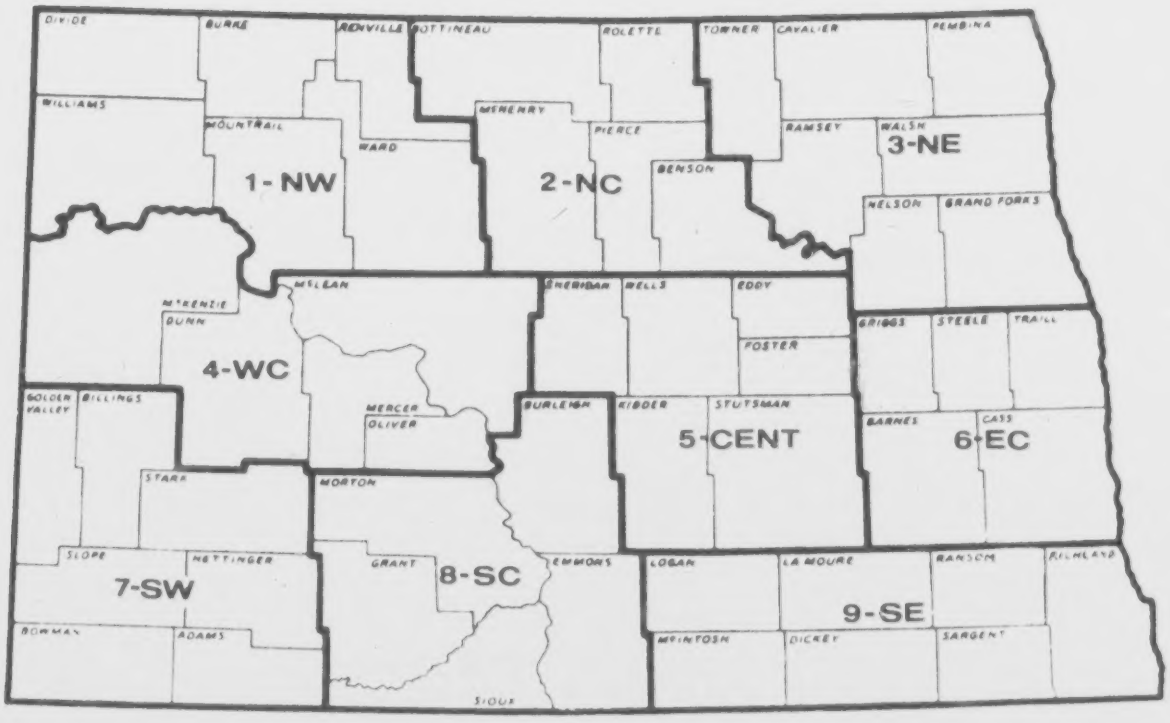
NORTH DAKOTA

CROP REPORTING DISTRICTS



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PREFACE

North Dakota Agricultural Statistics, 1983 is the 26th Annual Summary in a series which dates back to 1957. It is the 52nd "Agricultural Statistics" bulletin published by this office. A "Summary" is published each year with historic county estimates and other special issues. A reference to issues in this historic series containing county estimates is on the inside of the back cover.

This is a comprehensive report of farm statistics for North Dakota with county data occupying a major portion of the publication. It includes information on crop production, livestock numbers, farm income, prices, weather, grain shipments and Federal Crop Insurance data. County crop acreage, yield and production figures as well as county livestock inventory numbers for major items are included.

I want to extend a special "THANK YOU" to the thousands of North Dakota farmers, ranchers and agri-business people who voluntarily report essential basic data for making these estimates. This publication would not be possible without their most gracious and devoted service. The help of county agents, their staff, as well as other University, State and Federal agencies is also appreciated.

Collection and publication of these data have been made possible through the cooperative efforts of the Statistical Reporting Service, U.S.D.A., and North Dakota State University. Data were compiled by the staff of the North Dakota Crop and Livestock Reporting Service. Funds for reproduction were provided by the Agricultural Experiment Station, Department of Agricultural Economics, and Cooperative Extension Service of N.D.S.U. Other contributors include the National Weather Service, North Dakota State Wheat Commission, Malting Barley Improvement Association, the Upper Great Plains Transportation Institute and the Public Service Commission.

Estimates are based on information collected from producers and agri-business establishments. Much of the data are obtained from voluntary reports obtained through mail surveys. Probability sampling techniques are also utilized. All of the agriculture is accounted for within Sample segments of land randomly selected throughout the State. These segments represent a certain portion of the total land which enables the data to be expanded to State estimates.

Samples are also selected from a list of farm operations, "Universe List". State indications are obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the list. Those not found are used to measure the incompleteness of the "List". Objective counts and measurements from sample plots in durum and other spring wheat fields are also used in estimating yields.

OTHER REPORTS AVAILABLE:

-- N.D. "Farm Reporter" (Bi-weekly)

-- Weekly "Crop-Weather" Report

Call us at (701) 237-5771, Ext. 306, or write P.O. Box 3166, Fargo, North Dakota 58108, for an order form.

Robert F. Carver
Statistician in Charge

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INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK

RANK OF COUNTIES

REAL ESTATE

INCOME

WEATHER

THE TEN LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION - 1982												
Corn for Grain	Iowa	Ill.	Ind.	Nebr.	Minn.	Ohio	Wisc.	Mich.	Mo.	S.Dak.	23	*
Corn for Silage	Wisc.	Minn.	N.Y.	Pa.	Iowa	Nebr.	Calif.	Colo.	Ohio	Mich.	19	2
Winter Wheat	Kans.	Okla.	Tex.	Wash.	Nebr.	Colo.	Mont.	Mo.	Calif.	Ark.	34	*
Durum Wheat	N.Dak.	Calif.	Mont.	Ariz.	S.Dak.	Minn.	--	--	--	--	1	76
Other Spring Wheat	N.Dak.	Minn.	Mont.	S.Dak.	Idaho	Wash.	Oreg.	Colo.	Utah	Wisc.	1	39
All Wheat	Kans.	N.Dak.	Okla.	Mont.	Tex.	Wash.	Minn.	Nebr.	S.Dak.	Idaho	2	12
Oats	S.Dak.	Minn.	N.Dak.	Iowa	Wisc.	Mich.	Nebr.	Ohio	Pa.	N.Y.	3	10
Barley	N.Dak.	Mont.	Idaho	Minn.	Wash.	Calif.	S.Dak.	Colo.	Oreg.	Utah	1	21
Rye	S.Dak.	N.Dak.	Minn.	Ga.	Nebr.	Okla.	Mich.	S.C.	N.C.	Tex.	2	16
Flaxseed	N.Dak.	S.Dak.	Minn.	--	--	--	--	--	--	--	1	57
Potatoes	Idaho	Wash.	Maine	Wisc.	Calif.	Oreg.	N.Dak.	Colo.	Minn.	N.Y.	7	5
Sugarbeets	Minn.	Calif.	Idaho	N.Dak.	Mich.	Nebr.	Colo.	Mont.	Wyo.	Tex.	4	11
Soybeans	Ill.	Iowa	Mo.	Ind.	Minn.	Ohio	Ark.	Miss.	Nebr.	La.	25	*
Pinto Beans	Colo.	N.Dak.	Idaho	Nebr.	Wyo.	Minn.	Kans.	Wash.	Mich.	Mont.	2	23
Dry Edible Beans, All	Mich.	Calif.	Nebr.	Idaho	N.Dak.	Colo.	Minn.	Wash.	N.Y.	Wyo.	5	10
Sunflower, Oil	N.Dak.	S.Dak.	Minn.	Tex.	--	--	--	--	--	--	1	71
Sunflower, Non-oil	N.Dak.	Minn.	S.Dak.	--	--	--	--	--	--	--	1	87
Sunflower, All	N.Dak.	Minn.	S.Dak.	Tex.	--	--	--	--	--	--	1	71
Alfalfa Hay & Mixtures	Wisc.	Iowa	Calif.	Minn.	S.Dak.	Nebr.	Idaho	Mich.	Kans.	Mont.	11	4
All Other Hay	Tex.	Mo.	S.Dak.	N.Y.	Ky.	Nebr.	Kans.	Pa.	N.Dak.	Wisc.	9	4
All Hay	Wisc.	S.Dak.	Minn.	Iowa	Nebr.	Calif.	Tex.	Mo.	Kans.	N.Dak.	10	4
Total Acreage of Principal Crops Harvested	Iowa	Ill.	Kans.	N.Dak.	Tex.	Minn.	Nebr.	S.Dak.	Mo.	Ind.	4	6
LIVESTOCK ON HAND - JAN. 1, 1983												
All Cattle & Calves	Tex.	Nebr.	Iowa	Kans.	Mo.	Okla.	Calif.	Wisc.	S.Dak.	Minn.	17	2
Cows That Have Calved												
Milk	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Mo.	30	1
Beef	Tex.	Mo.	Okla.	Nebr.	S.Dak.	Iowa	Mont.	Kans.	Fla.	Tenn.	12	3
All Hogs - Dec. 1, 1982	Iowa	Ill.	Ind.	Minn.	2/	2/	N.C.	Ohio	Kans.	Ga.	25	*
Stock Sheep & Lambs	Tex.	Wyo.	Calif.	S.Dak.	N.Mex.	Mont.	Utah	Colo.	Idaho	Oreg.	15	2
Sheep & Lambs on Feed	Colo.	Calif.	Tex.	Oreg.	Iowa	Wyo.	Nebr.	Minn.	Kans.	3/	12	3
Cattle & Calves on Feed	Tex.	Nebr.	Kans.	Iowa	Colo.	Calif.	Ill.	Minn.	Ariz.	S.Dak.	25	*
All Chickens, Dec. 1982	Calif.	Ga.	Ark.	Ind.	Pa.	N.C.	Ala.	Tex.	Fla.	Ohio	44	*
LIVESTOCK PRODUCTION IN 1982												
Calf Crop	Tex.	Mo.	Okla.	Wisc.	Nebr.	Iowa	S.Dak.	Calif.	Mont.	Kans.	15	2
Lamb Crop	Tex.	Calif.	Wyo.	S.Dak.	Idaho	Mont.	Utah	Colo.	N.Mex.	Oreg.	14	2
Pig Crop	Iowa	Ill.	Minn.	Ind.	Nebr.	Mo.	N.C.	Ohio.	Kans.	Ga.	26	*
Chickens Raised	Calif.	Ark.	Ga.	Ind.	Pa.	Ala.	4/	4/	Ohio	Minn.	40	*
Turkeys Raised	N.C.	Minn.	Calif.	Ark.	Mo.	Va.	Iowa	Ind.	Wisc.	Pa.	22	1
Egg Production	Calif.	Ga.	Ind.	Pa.	Ark.	Tex.	N.C.	Fla.	Ala.	Ohio	45	*
Wool Production	Tex.	Calif.	Wyo.	Colo.	S.Dak.	Utah	Mont.	N.Mex.	Idaho	Iowa	15	2
Milk Production	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Wash.	30	*
Butter	Wisc.	Calif.	Minn.	Pa.	Wash.	Mich.	N.Y.	Ohio	Mo.	Tenn.	19	*
American Cheese	Wisc.	Minn.	Idaho	Iowa	Calif.	N.Y.	Utah	Mo.	S.Dak.	Ind.	11	2
CASH RECEIPTS - 1982												
Crops	Calif.	Ill.	Iowa	Tex.	Fla.	Minn.	Nebr.	Ind.	N.C.	Kans.	11	3
Livestock	Iowa	Tex.	Calif.	Wisc.	Nebr.	Minn.	Kans.	Mo.	Ill.	Pa.	32	1
Total	Calif.	Iowa	Tex.	Ill.	Minn.	Nebr.	Kans.	Wisc.	Ind.	Fla.	23	2
Government Payments 1/	Tex.	Kans.	N.Dak.	Okla.	Mo.	Nebr.	S.Dak.	Mont.	Minn.	Iowa	3	7
Realized Income Per Farm												
Gross 1/	Ariz.	Calif.	Colo.	Del.	Hawaii	Fla.	Nebr.	Idaho	Iowa	Conn.	13	--
Net 1/	Calif.	Fla.	Ariz.	Del.	Idaho	Conn.	Minn.	N.Dak.	Colo.	Wisc.	8	--

* Less than one-half of one percent. 1/ 1981 Data. 2/ Mo. and Nebr. tied for fifth place. 3/ Ariz. and S.Dak. tied for tenth place. 4/ North Carolina and Texas tied for seventh place.

RANK OF NORTH DAKOTA'S COUNTIES

County	Crop Production								Livestock on Hand			
	All Wheat 1982	Spring Wheat 1982	Durum Wheat 1982	Sun-flower 1982	Barley 1982	Oats 1982	Corn Grain 1982	All Hay 1982	All Cattle Jan. 1 1983	Milk Cows Jan. 1 1983	All Hogs Dec. 1 1982	All Sheep Jan. 1 1983
Adams	44	35	41	40	50	23	44	14	29*	40*	39*	6
Barnes	9	5	19	2	5	22	8	31	22*	20*	7	12
Benson	15	44	6	5	16	37	14	29	27*	22*	32*	34
Billings	53	52	53	53	53	43	49*	19	27*	47*	53	53
Bottineau	8	25	3	8	9	30	40	20	39*	36*	47*	23*
Bowman	48	46	26	47	34	28	49*	15*	33*	44*	29*	1
Burke	29	37	18	42	30	38	49*	45	44*	36*	51*	34*
Burleigh	34	24	44	28	42	6	18	5	3*	12	8*	20
Cass	2	1	20	6	1	20	2	42	26	29*	2	3
Cavalier	1	4	9	29	2	47	32	51	48*	47*	20	49
Dickey	46	42	30	10	24	21	4	24	11	11	4	4
Divide	20	49	8	37	28	46	48	44	44*	51*	37*	47*
Dunn	42	29	48	51	38	3	41*	3	2	18	32*	31*
Eddy	43	43	24	20	46	26	29	36	39*	40*	45*	19
Emmons	30	17	50	39	47	4	17	11	6*	2	14	42*
Foster	31	26	23	9	40	41	23	34	31*	40*	22*	15
Golden Valley	50	48	28	50	39	39	45	39	37*	29*	21	21
Grand Forks	7	3	32	12	3	32	7	41	44*	29*	16	28*
Grant	45	34	43	34	33	10	26	6	8	7	5	8
Griggs	27	20	29	21	15	31	28	33	39*	29*	35	31*
Hettinger	25	14	27	22	36	36	38*	22	31*	15	13	42*
Kidder	49	41	39	35	41	16	12	4	5	9	27	7
LaMoure	23	16	21	4	25	14	6	21	17	8	10*	13*
Logan	37	33	36	41	43	29	33	8	10	6	36	37
McHenry	21	10	25	14	22	5	20	1	9	10	25	17
McIntosh	40	32	40	36	49	15	47	15*	13	3	22*	26*
McKenzie	28	27	22	49	35	24	41*	12	3*	44*	42*	2
McLean	10	18	7	11	32	9	21	13	14	13*	26	39*
Mercer	47	39	38	45	51	12	19	25	15	22*	42*	45*
Morton	35	22	49	38	27	1	22	2	1	1	6	16
Mountrail	16	47	5	32	29	13	35*	9	22*	27	42*	11
Nelson	14	19	11	15	14	33	24	43	43	29*	29*	23*
Oliver	51	45	51	48	44	27	27	17	19*	16*	17	38
Pembina	5	2	45	31	8	48	9	52	47	51*	15	41
Pierce	26	40	16	16	19	19	31	28	22*	13*	50	39*
Ramsey	12	31	4	7	11	50	35*	47	48*	47*	34	45*
Ransom	41	30	47	19	23	18	3	38	21	25*	8*	10
Renville	19	21	15	33	21	17	46	49	48*	36*	51*	51
Richland	22	9	42	17	12	11	1	35	18	16*	1	33
Rolette	32	53	12	27	20	34	38*	27	37*	36*	47*	22
Sargent	39	38	35	25	26	35	5	37	16	20*	3	9
Sheridan	36	28	37	23	45	45	30	40	22*	19	45*	50
Sioux	52	51	52	52	52	44	49*	23	29*	28	37*	52
Slope	38	36	31	46	37	42	49*	30	36	35	24	30
Stark	33	23	46	44	48	7	34	7	12	4*	18	26*
Steele	24	11	34	18	6	52	11	53	53	51*	47*	28*
Stutsman	4	7	13	1	17	8	13	10	6*	4*	10*	5
Towner	13	50	1	24	10	53	37	50	48*	47*	39*	34*
Traill	18	8	33	30	4	51	10	48	52	44*	19	42*
Walsh	6	6	17	26	7	49	15	46	39*	29*	12	47*
Ward	3	12	2	13	13	2	25	18	19*	25*	28	18
Wells	17	15	14	3	18	40	16	32	33*	22*	29*	23*
Williams	11	13	10	43	31	25	41*	26	33*	40*	39*	13*

*Tied with another county

NORTH DAKOTA FARM INCOME

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

CASH RECEIPTS FOR 1982, PRELIMINARY

Cash receipts from farm marketings in North Dakota totaled $2,746 million in 1982, down 2 percent from 1981, but up 6 percent from the drought reduced 1980 figure. Farm production expenses were not available for 1982. Consequently, when this was prepared, cash receipts do not reflect the net income situation.

Cash receipts from crops totaled $2,156 million or 79 percent of total receipts, while cash receipts from livestock and products, at $589 million, made up the remaining 21 percent of the total. Cash receipts from crops fell 2 percent from 1981, and livestock receipts dropped 1 percent. Government payments added $200 million (up 53 percent from 1981 and up 72 percent from 1980) bringing total cash receipts from farming in North Dakota to $2,946 million in 1982. This compares to $2,933 million in 1981.

Lower prices for all crops except potatoes were partially offset by increased production from 1981. An increase in marketings for both cattle and sheep coupled with lower prices, plus a decrease in hog marketings and a sharp increase in hog prices accounted for the slightly lower level of cash receipts for livestock in 1982.

CASH RECEIPTS FOR 1981

Cash receipts from farm marketings totaled $2,803 million in 1981, up 8 percent from the drought reduced 1980 marketings and 20 percent above the 1979 total. Cash receipts from crops totaled $2,209 million, 79 percent of the total, while cash receipts from livestock and products, at $594 million, made up the remaining 21 percent. Cash receipts for crops rose 21 percent from 1980, but receipts from livestock were down 23 percent from the 1980 totals. Government payments added $131 million (up from $117 million in 1980) bringing total cash receipts from agricultural production to $2,933 million in 1981.

Wheat continued to be the largest source of cash receipts for North Dakota farmers, bringing in $1,220 million in 1981, 44 percent of the total. Cattle and calves ranked second in total cash receipts with $400 million in 1981, or 14 percent of the total, and sunflower ranked third in 1981 with 10 percent of the total cash receipts from marketings.

INCOME PER FARM

Realized gross income per farm averaged a record high $82,062 in 1981, up 11 percent from 1980.

Realized net income, which excludes changes in inventory values, averaged $14,525 per farm, down 23 percent from 1980. Realized net income is the primary measure of change in the farmer's income position.

Total net income rose to an average $16,697 per farm, up from $7,190 in 1980, and the highest since 1975. Total net income figures includes changes in inventory value.

Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1979-81 and 1982 Preliminary

Item	1979 1/	1980 1/	1981	Percent Total 1981 2/	1982 Preliminary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS	1,636,146	1,818,772	2,208,798	75.3	2,156,400
Food Grains	899,754	1,008,482	1,224,403	41.7	
Wheat	893,147	1,005,083	1,219,673	41.6	
Rye	6,607	3,399	4,730	.2	
Feed Crops	194,123	177,856	294,559	10.0	
Barley	137,980	105,488	180,990	6.2	
Corn	24,043	34,882	65,246	2.2	
Hay	20,015	26,918	29,299	1.0	
Oats	12,087	10,568	19,024	.6	
Oil Crops	373,924	395,776	350,403	11.9	
Sunflower Seeds	314,534	337,648	294,129	10.0	
Soybeans	31,956	29,693	30,915	1.1	
Flaxseed	27,434	28,435	25,359	.9	
Vegetables & Fruits	72,060	122,375	182,729	6.2	
Dry Beans	25,775	66,493	84,879	2.9	
Potatoes	45,909	55,496	97,300	3.3	
Miscellaneous	376	386	550	-	
All Other Crops	96,283	114,283	156,704	5.3	
Sugarbeets	78,566	93,387	120,843	4.1	
Other	17,717	20,896	35,861	1.2	
LIVESTOCK PRODUCTS	694,316	774,872	594,031	20.2	589,100
Meat Animals	571,269	636,655	441,765	15.1	
Cattle & Calves	526,130	592,645	400,196	13.6	
Hogs	39,801	37,989	34,714	1.2	
Sheep & Lambs	5,338	6,021	6,855	.2	
Dairy Products	92,698	108,070	118,481	4.0	
Milk, Wholesale	91,300	106,672	117,054	4.0	
Milk, Retail	967	967	996	-	
Milkfat	431	431	431	-	
Poultry & Eggs	9,796	10,366	9,690	.3	
Turkeys	6,536	7,952	7,069	.2	
Eggs	3,193	2,280	2,405	.1	
Chickens, Farm	67	134	216	-	
Miscellanous Livestock	20,553	19,781	24,095	.8	
Honey & Beeswax	12,261	8,525	12,850	.4	
Wool	1,397	1,671	1,751	.1	
Other Livestock	6,895	9,585	9,494	.3	
TOTAL CROPS & LIVESTOCK	2,330,462	2,593,644	2,802,829	95.5	2,745,500
Government Payments	46,519	116,634	130,659	4.5	200,170
GRAND TOTAL	2,376,981	2,710,278	2,933,488	100.0	2,945,670

1/ Revised. 2/ Items may not add due to rounding.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1982 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	51,298	8.7	168,261	7.8	219,559	8.0
February	47,212	8.0	131,888	6.1	179,100	6.5
March	47,359	8.0	120,124	5.6	167,483	6.1
April	63,420	10.8	121,841	5.7	185,261	6.7
May	37,493	6.3	86,797	4.0	124,290	4.5
June	42,245	7.2	105,438	4.9	147,683	5.4
July	39,301	6.7	94,514	4.4	133,815	4.9
August	41,433	7.0	158,618	7.4	200,051	7.3
September	59,120	10.0	336,843	15.6	395,963	14.4
October	48,628	8.3	250,905	11.6	299,533	10.9
November	59,903	10.2	347,742	16.1	407,645	14.9
December	51,636	8.8	233,476	10.8	285,112	10.4
Year	589,048	100.0	2,156,447	100.0	2,745,495	100.0

1/ Preliminary.

FARM INCOME CONT.

Cash Receipts from Government Payments
North Dakota, 1979-1982

Item	1979	1980	1981	1982
	--- Thousand Dollars ---			
Conservation	3,326	4,312	4,501	2,491
Feed Grain Program	7,729	19,200	14,539	22,055
Wheat Program	8,227	74,582	67,796	105,480
Drought & Flood Conservation Program	0	0	0	0
Miscellaneous	27,237	18,540	43,823	70,150
TOTAL	46,519	116,634	130,659	200,176

Value of Home Consumption
North Dakota, 1979-81

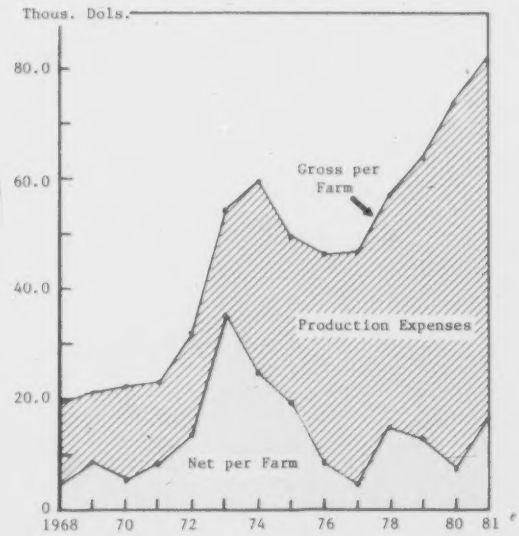
Item	1979	1980	1981
	--- Thousand Dollars ---		
Cattle & Calves	12,629	12,764	7,939
Hogs	3,913	2,665	2,967
Sheep & Lambs	143	129	102
Dairy	1,548	1,416	1,512
Poultry & Eggs	369	271	339
ALL LIVESTOCK & PRODUCTS	18,602	17,245	12,859
ALL CROPS	2,138	1,098	1,076
TOTAL ABOVE	20,740	18,343	13,935

Income per Farm, North Dakota, 1970-1981

Year	Realized Gross Income per Farm 1/	Realized Net Income per Farm 1/	Total Net Income per Farm 2/
	- - - D o l l a r s - - -		
1970	22,149	6,692	5,367
1971	23,249	6,205	8,193
1972	32,105	13,528	13,651
1973	54,190	28,544	34,997
1974	59,464	30,033	24,799
1975	49,743	14,159	19,990
1976	46,047	8,744	8,862
1977	46,520	7,104	4,390
1978	56,733	12,231	14,411
1979	63,908	12,319	12,234
1980	73,848	18,980	7,190
1981 3/	82,062	14,525	16,697

1/ Excludes changes in inventories. 2/ Includes changes in inventories. 3/ Preliminary.

INCOME PER FARM
North Dakota, 1968-81



Farm Production Expenses
North Dakota, 1979-1981

Item	1979	1980	1981
	--- Million Dollars ---		
Feed	76.1	77.2	72.9
Livestock	32.0	27.7	24.9
Seed	60.4	68.4	80.7
Fertilizer & Lime	179.3	241.3	230.0
Repair & Operation of Capital Items	343.6	408.2	445.1
Miscellaneous	447.8	379.9	531.7
Hired Labor	91.1	100.7	111.5
Total Current Farm Operating Expenses	1230.3	1303.4	1496.9
Depreciation & Other Consumption of Farm Capital	477.3	485.5	597.3
Taxes on Farm Property	75.0	81.1	89.2
Interest on Farm Mortgage Debt	102.8	139.7	175.1
Net Rent to Non-Farm Landlords	203.9	185.0	275.4
Total Production Expenses	2089.4	2194.7	2633.9

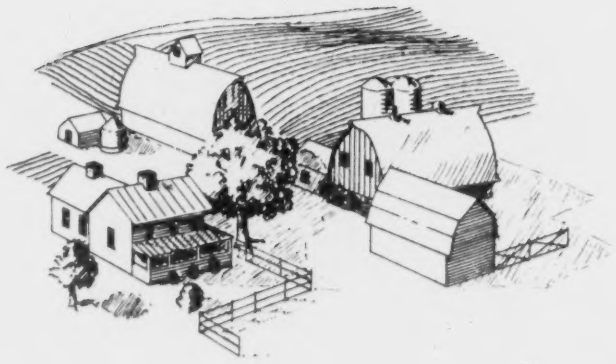
Total Cash Receipts and Total Income
North Dakota, 1979-81

Item	1979	1980	1981
	--- Million Dollars ---		
Cash Receipts from Farm Marketings	2,330.5	2,509.6	2,802.8
Government Payments	46.5	116.6	130.7
Non-Money Income	176.0	208.5	222.7
Other Farm Income	35.3	35.3	44.2
Total Realized Gross Farm Income	2,588.3	2,869.9	3,200.4
Farm Production Expense	2,089.4	2,194.7	2,633.9
Realized Net Farm Income	498.9	675.2	566.5
Net Change in Farm Inventories	-3.4	-471.6	84.7
Total Net Farm Income	495.5	203.6	651.2

FARM REAL ESTATE

NUMBER OF FARMS, AVERAGE SIZE, AND ALL LAND IN FARMS, North Dakota, 1968-82

Year	Number of Farms	Average Size of Farms	All Land in Farms
	(Number)	(Acres)	(000 Acres)
1968	47,000	891	41,900
1969	46,000	911	41,900
1970	45,500	921	41,900
1971	45,000	929	41,800
1972	44,000	950	41,800
1973	43,500	961	41,800
1974	43,000	970	41,700
1975	42,000	1,007	42,300
1976	41,500	1,012	42,000
1977	41,000	1,020	41,800
1978	41,000	1,017	41,700
1979	40,500	1,030	41,700
1980	40,000	1,043	41,700
1981	39,000	1,069	41,700
1982	38,000	1,097	41,700

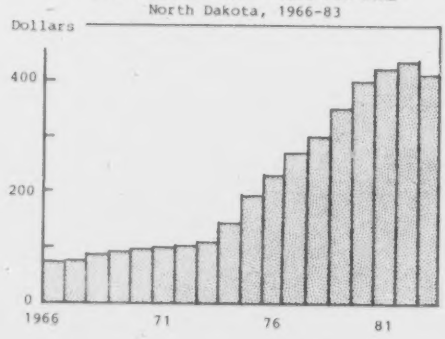


FARM REAL ESTATE VALUE AND TAXES North Dakota, 1975-83

Year	Total Value	Value per Acre	Total Taxes	Taxes per Acre	Taxes Per 100 Dollars Full Value
	(Mil. Dols.)	(Dols.)	(Mil. Dols.)	(Dols.)	(Dols.)
1975	8,249	195	60.3	1.50	.74
1976	9,912	236	63.5	1.58	.65
1977	11,451	274	70.1	1.74	.62
1978	12,493	300	71.7	1.78	.58
1979	14,470	347	74.3	1.85	.51
1980	16,627	399	80.4	2.00	.48
1981	17,639	423	80.2	2.00	.46
1982	18,181	436	NA	NA	NA
1983	17,264	414	NA	NA	NA

NA - Not Available. Source: Farm Real Estate Market Developments, E.R.S.

FARM REAL ESTATE - VALUE PER ACRE North Dakota, 1966-83



GROSS RENTS PER ACRE AND RATIO TO VALUE North Dakota, 1976-83

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1976	19.90	7.3	25.00	7.7	7.20	5.5
1977	20.10	6.7	25.20	7.0	7.60	5.0
1978	19.70	6.5	24.70	6.6	7.40	4.8
1979	22.40	6.2	27.80	6.4	7.80	4.4
1980	24.10	6.0	30.40	6.4	8.70	4.6
1981	25.50	5.9	31.60	6.1	9.10	4.3
1982	27.30	5.8	32.90	6.1	9.20	4.4
1983	26.90	6.3	32.60	6.5	8.70	4.4

Source: Farm Real Estate Market Developments, ERS

RENT PER ACRE BY DISTRICT, North Dakota, 1982-83

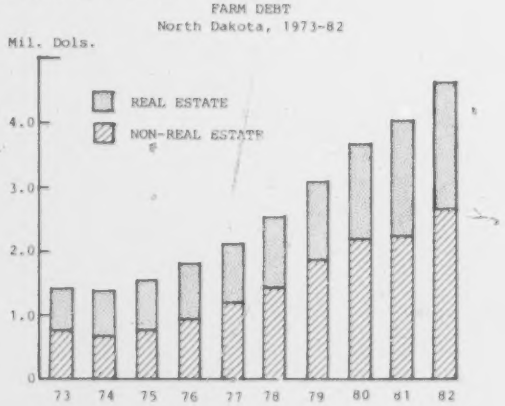
District	Rented for Cash					
	Farms		Cropland		Pasture	
	1982	1983	1982	1983	1982	1983
	- - - Dollars - - -					
Northwest	21.50	21.70	24.00	24.20	8.00	6.90
North Central	23.50	25.70	30.50	30.10	10.00	9.50
Northeast	38.50	42.20	41.00	44.60	11.00	10.10
West Central	19.00	19.20	23.00	23.20	8.00	7.30
Central	27.50	29.90	33.00	32.60	10.50	10.90
East Central	48.00	44.70	51.50	48.80	11.50	11.20
Southwest	18.00	13.40	22.00	18.00	7.50	8.10
South Central	17.00	15.80	21.00	21.50	9.50	8.10
Southeast	37.50	32.70	42.50	39.60	13.50	13.60
STATE	27.30	26.90	32.90	32.60	9.20	8.70

FARM ASSETS & DEBT

Farm Balance Sheet, North Dakota, January 1, 1978-82

Item	1978	1979	1980	1981	1982
	Million Dollars				
ASSETS	EXCLUDING FARM HOUSEHOLDS				
Total Farm Assets	16,155.0	19,096.4	21,905.7	22,780.9	23,737.4
Real Estate	11,660.4	13,493.9	15,523.7	16,465.6	16,980.0
Livestock and Poultry	533.5	967.4	1,113.8	980.8	892.6
Machinery and Motor Vehicles	2,301.6	2,582.9	2,951.1	3,061.9	3,243.6
Crops	1,082.5	1,344.1	1,529.4	1,414.1	1,647.7
Financial Assets	577.1	708.0	787.8	858.4	973.4
CLAIMS					
Total Farm Debt	2,367.7	2,886.2	3,437.8	3,789.4	4,329.1
Real Estate Debt	986.9	1,101.3	1,334.6	1,687.5	1,820.3
Nonreal Estate Debt	1,098.9	1,356.0	1,737.3	1,833.9	2,032.7
CCC Loans	282.0	429.0	366.0	268.0	476.0
Equity	13,787.3	16,210.2	18,467.9	18,991.5	19,408.4
RATIOS	Ratio				
Equity/Assets	85.3	84.9	84.3	83.4	81.8
Debt/Equity	17.2	17.8	18.6	20.0	22.3
Debt/Assets, Total	14.7	15.1	15.7	16.6	18.2
Debt/Assets, Real Estate	8.5	8.2	8.6	10.2	10.7
Debt/Assets, Nonreal Estate and CCC	30.7	31.9	33.0	33.3	37.1
Returns to Operator/Total Debt	21.4	13.9	2.6	13.8	NA
	INCLUDING FARM HOUSEHOLDS				
ASSETS	Million Dollars				
Total Farm Assets	17,704.8	20,819.8	23,766.5	24,915.6	26,025.0
Real Estate	12,510.0	14,469.9	16,638.3	17,639.1	18,181.2
Livestock and Poultry	533.5	967.4	1,113.8	980.8	892.6
Machinery and Motor Vehicles	2,519.5	2,793.9	3,142.9	3,243.0	3,425.1
Crops	1,082.5	1,344.1	1,529.4	1,414.1	1,647.7
Household Equip. and Furnishings	240.6	275.1	298.1	324.6	383.4
Deposits and Currency	280.9	301.9	307.8	460.6	519.3
U.S. Savings Bonds	78.2	87.6	82.0	137.4	147.3
Investments in Cooperative	459.6	579.8	654.2	715.9	828.3
CLAIMS					
Total Farm Debt	2,504.0	3,053.1	3,642.8	4,024.4	4,590.8
Real Estate Debt	1,058.8	1,180.9	1,430.4	1,807.7	1,949.1
Nonreal Estate Debt	1,163.2	1,443.2	1,846.4	1,948.6	2,165.7
CCC Loans	282.0	429.0	366.0	268.0	476.0
Equity	15,200.8	17,766.7	20,123.7	20,891.2	21,434.2
RATIOS	Ratio				
Equity/Assets	85.9	85.3	84.7	83.8	82.4
Debt/Equity	16.5	17.2	18.1	19.3	21.4
Debt/Assets, Total	14.1	14.7	15.3	16.2	17.6
Debt/Assets, Real Estate	8.5	8.2	8.6	10.2	10.7
Debt/Assets, Nonreal Estate and CCC	27.8	29.5	31.0	30.5	33.7
Net Farm Income/Debt	23.6	16.2	5.6	16.2	NA

NA - Not Available. Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.



NORTH DAKOTA WEATHER DATA

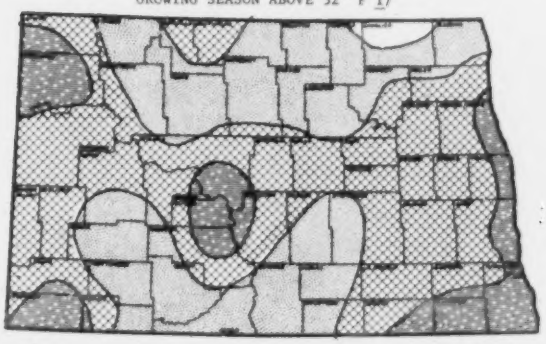
PRECIPITATION, MEAN TEMPERATURE AND DEPARTURES,
North Dakota, April-September 1982

Month	Precipitation	Departure	Mean Temperature	Departure
	(Inches)	(Inches)	(Degrees F)	(Degrees F)
April	.65	- .90	38.7	- 2.5
May	3.18	+ .83	54.2	- 0.1
June	3.17	- .27	59.6	- 4.1
July	2.78	+ .31	69.6	+ 0.2
August	1.74	- .46	66.8	- 1.0
September	1.36	- .41	56.6	- 0.1

DAYS MAXIMUM TEMPERATURES REACHED 90° OR MORE
AT MAIN NORTH DAKOTA WEATHER STATIONS
JUNE 1 THROUGH AUGUST 31

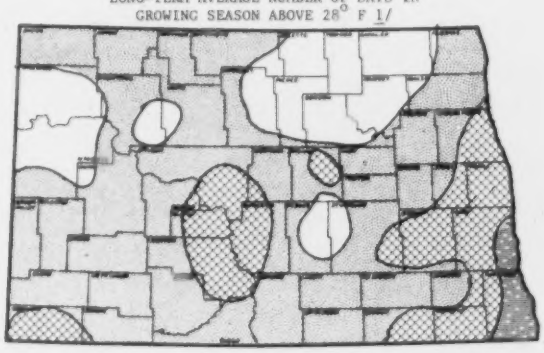
Station	1978	1979	1980	1981	1982
	- - - Number of Days - - -				
Fargo	8	8	10	8	12
Bismarck	12	14	16	14	13
Williston	12	12	26	35	20
Dickinson	9	10	19	19	18

LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 32° F 1/



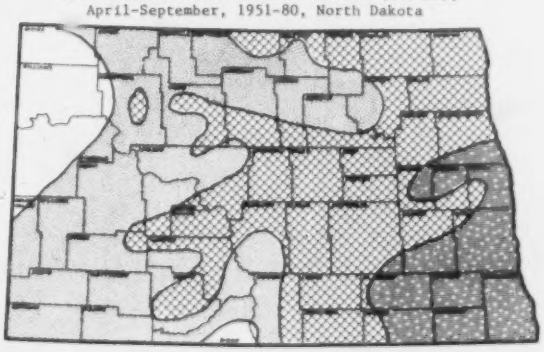
Under 110 days
110 - 119 days
120 - 129 days
130 days & over

LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 28° F 1/



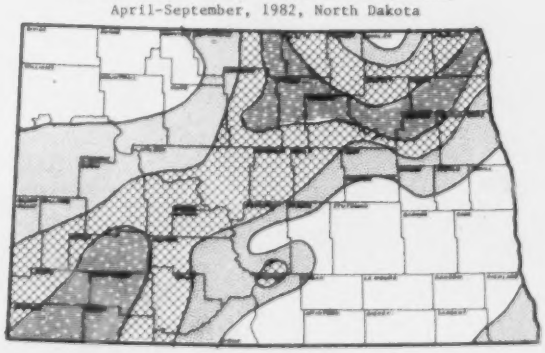
Under 130 days
130 - 139 days
140 - 149 days
150 days & over

AVERAGE GROWING SEASON PRECIPITATION (Inches),
April-September, 1951-80, North Dakota



Less than 12.00 inches
12.00 - 13.49 inches
13.50 - 14.99 inches
15.00 inches & over

ANNUAL GROWING SEASON PRECIPITATION (Inches)
April-September, 1982, North Dakota



Less than 12.00 inches
12.00 - 13.49 inches
13.50 - 14.99 inches
15.00 inches & over

1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.
Source: Environmental Data and Information Service.

June 1983

WEATHER DATA CONT.

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA 1982 1/
(Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oc	Nov.	Dec.	Annual
Crosby	-9.6	9.0	20.5	37.8	53.4	63.1	69.0	67.2	56.7	44.9	23.8	16.6	37.7
Fortuna	-12.8	6.2	16.3	33.9	50.2	59.9	65.6	64.5	53.1	41.1	22.0	13.5	34.5
Foxholm	-10.5	8.6	20.6	39.0	M	M	M	M	M	M	M	M	36.6
Kenmare	-10.8	8.3	19.1	36.5	51.4	59.6	66.6	64.6	54.2	42.9	23.2	17.1	36.1
Minot (Exp. Station)	-9.4	7.8	20.3	37.8	52.3	59.9	68.4	65.2	56.8	43.3	23.4	17.2	36.9
Mohall	-14.4	3.2	M	35.6	51.3	58.8	65.5	63.7	53.8	41.2	20.4	14.3	34.5
Powers Lake	-11.5	6.5	17.7	34.6	51.0	58.3	66.6	64.8	54.1	42.1	22.8	15.5	35.2
Williston (WSO AP)	-5.8	11.8	26.3	41.8	54.9	64.3	71.7	70.3	56.4	44.4	24.0	16.0	39.7
NORTHWEST DISTRICT (1)	-10.1	7.9	20.1	37.1	51.6	60.4	67.6	65.6	55.1	42.8	22.9	16.0	36.4
Bottineau	-12.1	4.9	18.4	35.7	52.9	58.8	66.9	63.5	54.6	42.0	21.4	15.3	35.2
Drake	-10.0	7.5	20.6	39.1	54.3	60.2	69.4	M	M	44.7	23.8	18.9	37.3
Granville	-10.1	8.3	20.9	M	53.3	60.4	69.0	65.9	57.0	43.6	24.0	18.0	37.3
Leeds	-12.0	5.6	19.2	36.7	53.5	58.2	68.2	64.0	55.0	42.5	22.4	16.9	35.9
Rolla	-11.6	6.5	17.7	34.3	50.9	55.1	M	60.8	52.9	40.6	21.0	14.4	34.2
Rugby	-10.9	6.8	20.0	38.5	54.4	59.8	68.8	64.6	55.3	43.7	23.2	18.2	36.9
Upham	-13.0	5.2	18.7	36.8	53.8	59.4	68.0	64.4	55.1	41.7	21.6	16.5	35.7
Westhope	-10.7	7.2	19.7	39.1	54.6	60.7	68.0	65.0	56.0	45.0	24.2	18.5	37.3
Willow City	-13.7	3.5	18.3	36.7	54.0	59.0	68.5	63.8	54.6	42.2	22.2	15.4	35.4
NORTH CENTRAL DISTRICT (2)	-11.0	6.6	19.5	37.2	53.3	58.7	68.1	63.7	55.3	42.7	22.3	16.6	36.1
Devils Lake	-10.6	7.2	20.4	37.7	55.0	58.9	69.7	65.0	56.7	43.8	22.9	17.8	37.0
Edmore	-12.3	5.8	19.4	37.5	53.7	56.9	67.1	63.3	54.5	43.4	21.0	17.3	35.6
Grafton	-8.1	10.1	22.9	40.5	58.4	59.3	70.4	67.0	58.9	46.1	23.3	19.9	39.1
Grand Forks (FAA AP)	-7.4	9.5	23.6	40.3	56.8	58.0	68.8	66.0	56.3	45.4	23.4	21.8	38.5
Hannah	M	M	M	37.7	52.9	M	M	M	M	M	23.8	16.1	36.5
Langdon (Exp. Farm)	-13.9	3.9	18.0	35.0	M	54.4	65.2	61.5	53.4	41.0	21.0	14.2	34.1
Park River	-7.7	12.0	23.5	41.0	57.9	59.5	70.3	66.5	58.7	46.7	24.6	20.8	39.5
Pembina	-12.4	4.5	19.7	36.1	55.4	55.3	66.0	62.5	54.4	42.3	21.1	15.3	35.0
Petersburg	-12.8	4.0	18.8	35.9	53.6	55.6	65.8	61.8	53.0	41.6	20.5	15.3	34.4
NORTHEAST DISTRICT (3)	-10.4	7.3	21.1	38.2	55.1	57.6	68.1	64.4	55.8	44.0	22.8	18.0	36.8
Beulah	-8.4	6.2	20.4	36.0	51.0	58.0	66.7	62.6	53.4	41.1	21.4	18.3	35.6
Center	-4.8	12.0	M	M	53.5	59.8	70.0	68.1	57.8	45.2	24.4	20.7	39.1
Dunn Center	-6.0	10.1	22.0	38.3	51.3	60.5	68.2	66.3	57.2	44.1	25.9	20.9	38.2
Garrison	-9.9	5.9	19.4	35.2	52.8	60.0	68.5	65.2	54.7	43.4	22.8	16.8	36.2
Turtle Lake	M	M	M	40.4	54.0	60.4	70.3	66.4	57.0	44.4	22.2	18.8	38.4
Watford City	-3.4	15.2	28.4	41.0	53.9	62.9	70.7	70.7	58.6	46.9	27.3	23.0	41.3
WEST CENTRAL DISTRICT (4)	-6.3	10.5	23.2	38.9	53.0	60.5	69.5	67.3	57.1	44.8	24.7	19.9	38.6
Carrington	-8.4	8.2	21.9	38.4	54.3	58.9	69.0	65.3	56.1	43.7	22.1	19.7	37.4
Hurdsfield	-9.6	6.0	19.7	35.6	52.1	57.4	67.8	65.6	55.4	42.4	21.3	18.2	36.0
Jamestown (FAA AP)	-6.7	10.7	24.2	39.9	56.2	59.8	71.5	68.6	56.7	46.1	24.3	22.0	39.4
McClusky	-6.9	10.2	M	39.5	M	61.7	72.2	68.8	58.3	45.4	24.0	20.3	39.2
Pettibone	-7.9	7.4	21.7	38.7	54.5	59.3	70.5	67.2	56.0	43.4	21.7	18.8	37.6
Sheyenne	-6.9	6.2	20.6	38.1	55.2	58.1	70.2	66.1	56.9	44.0	M	M	37.6
Tuttle	-7.6	8.4	21.8	37.6	54.3	59.4	70.5	68.1	56.6	43.9	22.1	19.1	37.9
CENTRAL DISTRICT (5)	-8.1	8.4	22.1	38.6	54.7	59.2	70.2	67.2	56.7	44.4	22.8	19.6	38.0
Colgate	-9.5	7.2	21.4	40.4	56.4	58.3	70.0	67.2	57.4	44.3	22.1	19.3	37.9
Cooperstown	-8.3	9.6	22.8	40.2	56.2	60.0	70.2	67.8	57.4	45.8	22.6	19.9	38.7
Fargo (WSO AP)	-7.0	8.9	22.9	40.7	58.1	59.1	70.9	68.5	57.5	45.7	24.1	20.9	39.2
Hillsboro	-9.7	6.8	20.5	M	M	58.9	69.9	67.1	55.5	44.1	23.0	20.3	37.7
Mayville	-9.4	9.1	22.5	40.8	57.0	58.9	69.6	66.6	56.8	46.3	23.4	20.8	38.5
Sharon	-9.7	8.5	21.1	39.2	55.6	57.8	69.6	63.5	56.5	44.5	23.2	19.1	37.4
Valley City	-9.3	7.0	21.1	38.2	55.1	57.3	67.9	65.5	54.2	42.8	21.3	20.1	36.8
EAST CENTRAL DISTRICT (6)	-8.9	8.2	21.8	39.9	56.4	58.6	69.3	66.6	56.5	44.8	22.8	20.1	38.0
Amidon	.8	M	24.9	38.4	51.1	59.7	69.4	69.2	57.3	44.6	25.9	22.6	39.9
Bowman (Courthouse)	1.2	14.9	25.4	37.4	51.0	59.7	68.7	68.6	56.3	43.9	26.1	21.7	39.6
Dickinson (Exp. Station)	-2.7	11.3	23.0	36.6	50.5	59.2	67.9	66.0	54.2	42.5	24.3	19.9	37.7
Fairfield	-3.6	12.8	23.4	37.5	50.6	M	68.8	66.3	56.1	44.0	24.5	20.2	38.4
Hettinger	.4	15.0	25.4	37.8	52.5	60.0	69.2	70.6	56.4	44.3	24.9	21.3	39.9
Medora	1.5	16.8	29.1	41.2	52.1	62.5	71.1	68.1	58.0	46.7	27.1	23.6	41.5
Mott	-1.6	12.8	23.9	37.8	52.9	61.3	70.6	69.4	57.2	44.3	25.4	21.5	39.6
Richardton (Abbey)	-1.4	14.3	25.3	39.1	52.7	60.8	69.6	68.1	57.7	45.8	25.9	22.3	40.0
SOUTHWEST DISTRICT (7)	-.6	14.3	25.1	38.3	51.8	60.6	69.7	68.6	56.9	44.9	25.9	22.0	39.8
Bismarck (WSFO AP)	-4.3	8.7	23.5	40.0	54.9	59.2	70.3	67.5	56.7	44.5	24.4	22.1	39.0
Carson	-4.2	9.8	21.9	37.9	53.2	59.4	69.2	67.7	56.4	44.5	24.7	20.9	38.5
Fort Yates	-.2	15.6	27.4	42.7	57.4	63.4	74.8	72.2	61.9	48.0	28.4	24.4	43.0
Moffit	-4.7	10.2	24.1	40.6	56.0	61.6	71.8	70.2	58.5	46.6	25.6	21.3	40.2
New Salem	-5.2	10.3	23.0	39.1	53.7	59.7	70.4	68.4	58.0	45.1	24.1	20.4	38.9
Wilton	-7.0	8.2	M	37.3	52.3	58.4	68.2	65.3	M	42.1	21.3	19.0	37.3
SOUTH CENTRAL DISTRICT (8)	-3.7	10.8	24.4	39.7	54.8	60.4	71.1	68.6	57.8	45.1	24.7	21.5	39.6
Ashley	-2.7	12.7	25.2	41.0	56.5	61.2	73.2	70.4	59.4	46.9	25.0	23.6	41.0
Ellendale	-3.5	12.5	26.0	41.6	56.9	61.4	73.3	68.9	58.5	46.3	25.2	22.2	40.8
Forman	-5.7	9.1	25.1	41.2	57.5	60.6	73.3	70.1	58.7	45.6	24.6	22.8	40.2
Fullerton	-6.7	9.9	24.1	41.5	56.4	59.5	72.5	69.1	58.4	45.9	25.5	21.8	39.8
Hankinson	-6.0	9.3	24.8	41.0	58.5	61.7	72.9	69.9	58.3	45.4	25.3	21.9	40.3
Lisbon	-4.9	12.5	27.6	45.0	58.3	61.4	74.0	70.7	59.8	47.3	25.6	23.8	41.8
McLeod	-6.5	10.2	24.6	41.8	58.6	61.3	73.3	70.2	58.9	46.9	24.9	22.8	40.6
Napoleon	-7.2	8.9	22.9	38.8	55.1	59.7	70.6	67.7	57.5	44.4	23.3	19.5	38.4
Wahpeton	-4.6	11.0	25.4	42.4	59.9	62.0	73.3	70.7	59.2	47.4	27.0	23.1	41.4
Wishek	-5.9	8.6	21.0	37.2	54.7	60.2	71.2	67.3	56.0	42.8	21.4	22.0	38.0
SOUTHEAST DISTRICT (9)	-5.6	10.0	24.4	40.7	57.0	60.6	72.6	69.3	58.2	45.4	24.3	21.8	39.9
STATE	-7.2	9.3	22.4	38.7	54.2	59.6	69.6	66.8	56.6	44.3	23.7	19.5	38.1

Underlined figures are partially estimated. M - Missing. 1/ Preliminary Data. Source: Environmental Data and Information Service.

WEATHER DATA CONT.

MONTHLY PRECIPITATION BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1982 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	1.19	.54	.91	.80	2.60	1.16	2.67	1.26	1.44	1.68	.09	.77	15.11
Fortuna	1.09	1.07	1.70	.82	1.62	.80	2.83	1.50	1.48	.87	M	1.54	15.42
Foxholm	.95	.39	1.11	.17	2.99	M	2.35	1.77	2.04	4.41	.15	.51	19.20
Kenmare	1.78	.54	1.27	.38	2.48	1.83	2.64	1.50	2.17	4.93	.06	.44	20.02
Minot (Exp. Station)	1.80	.65	1.21	.43	3.52	4.98	1.84	1.21	2.71	4.47	.29	1.03	24.34
Mohall	1.35	.70	M	.27	2.62	1.23	1.98	1.89	1.87	4.88	.02	.86	18.82
Powers Lake	.64	.53	1.19	.25	1.77	1.98	2.33	1.55	1.51	4.02	T	.50	16.27
Williston (WSO AP)	1.28	.75	1.34	1.02	1.79	2.77	1.17	1.96	1.86	1.91	.07	1.43	17.05
NORTHWEST DISTRICT (1)	1.23	.59	1.20	.51	2.61	2.36	2.36	1.56	1.98	3.44	.10	.83	18.77
Bottineau	.79	.13	.94	.60	3.45	2.99	2.65	3.74	2.13	2.87	.18	.98	21.45
Drake	1.18	.25	1.45	.18	3.47	4.01	2.66	M	M	4.66	.29	.92	23.56
Granville	M	M	.37	M	3.87	7.02	2.11	1.42	2.00	4.35	.16	.70	23.61
Leeds	1.07	.17	1.33	.34	3.28	4.47	3.48	3.03	.86	4.17	.38	.96	23.54
Rolla	.63	.18	.90	.52	3.45	2.85	M	2.78	2.12	3.49	.14	1.31	21.23
Rugby	M	M	.60	.45	3.57	5.02	4.52	2.92	1.71	3.60	.55	1.28	25.36
Upham	1.18	.33	1.12	.22	4.29	2.67	1.17	3.96	1.83	3.13	.15	1.18	21.23
Westhope	.90	.22	.83	.10	3.34	1.78	2.00	3.21	2.29	1.79	.03	.64	17.13
Willow City	1.24	.14	1.32	.48	3.47	3.55	1.63	4.16	2.03	3.54	.15	1.39	23.10
NORTH CENTRAL DISTRICT (2)	.88	.26	.97	.47	3.46	3.96	2.86	2.70	1.79	3.80	.22	1.08	22.45
Devils Lake	1.26	.35	1.14	.18	3.02	5.78	5.60	1.13	.89	4.93	.36	.73	25.37
Edmore	.59	.11	1.03	.16	1.93	4.54	4.95	1.95	1.17	3.58	.40	.85	21.26
Grafton	.91	.27	1.27	1.18	3.62	2.39	3.21	1.44	1.45	3.71	.51	.66	20.62
Grand Forks (FAA AP)	1.59	.26	1.10	.38	2.81	3.28	3.30	1.42	1.56	5.00	.72	.43	21.85
Hannah	M	M	.10	.12	2.08	2.10	2.31	1.20	2.30	3.47	.19	.73	15.92
Langdon (Exp. Farm)	1.74	.25	1.09	.27	M	3.55	3.39	2.00	1.37	2.95	.39	.53	20.51
Park River	.94	.20	1.28	.60	3.51	4.36	7.65	1.52	1.69	3.94	.52	.71	26.92
Pembina	.60	T	.92	.42	2.67	2.99	5.78	1.71	1.86	2.96	.43	.60	20.94
Petersburg	2.48	.33	1.50	.82	3.28	4.84	3.72	1.57	1.52	4.75	.98	.30	26.09
NORTHEAST DISTRICT (3)	1.13	.19	.94	.50	2.98	3.55	4.20	1.58	1.51	3.91	.50	.64	21.63
Beulah	.84	.51	1.33	.45	2.02	5.04	2.45	3.00	1.10	6.02	.20	1.12	24.08
Center	1.66	.75	M	M	3.64	3.22	3.92	2.81	1.00	8.04	1.73	.07	28.45
Dunn Center	1.05	.35	1.77	.95	2.58	5.44	2.29	1.54	1.57	7.24	.22	.50	25.50
Garrison	.83	.22	.70	.37	1.90	4.39	2.26	2.70	.79	4.39	.29	.65	19.49
Turtle Lake	1.90	.49	1.29	.34	3.28	4.62	1.93	3.96	.98	4.10	.34	.54	23.77
Watford City	.95	.34	1.22	.93	2.62	3.27	2.05	2.25	1.72	6.10	.29	.69	22.43
WEST CENTRAL DISTRICT (4)	1.05	.41	1.14	.49	2.71	4.34	2.73	2.52	1.36	5.58	.42	.60	23.35
Carrington	1.28	.50	1.16	.38	2.21	2.68	3.68	1.94	.76	3.75	.60	.36	19.30
Hurdsfield	.66	.48	1.03	.45	4.33	5.15	2.54	1.66	.47	5.13	.40	.74	23.04
Jamestown (FAA AP)	2.17	.73	1.42	.19	1.59	2.96	1.12	.74	.82	4.65	.57	.14	17.10
McClusky	1.10	.35	M	.29	M	4.74	2.88	3.26	.80	5.12	.48	.30	23.00
Pettibone	.83	.25	.95	.11	2.40	3.54	2.42	1.47	.80	5.08	.59	.49	18.93
Sheyenne	.45	.17	.97	.19	1.51	5.14	2.97	1.78	.45	4.11	M	M	18.69
Tuttle	.61	.46	.91	.52	3.48	3.79	1.57	1.35	.48	3.93	.43	.30	17.83
CENTRAL DISTRICT (5)	1.05	.46	1.09	.32	2.59	3.56	2.57	1.52	.77	4.74	.60	.35	19.62
Colgate	.23	.09	1.11	.37	2.75	2.22	2.71	1.07	.69	7.46	.70	.22	19.62
Cooperstown	1.03	.39	1.23	.33	1.83	3.21	5.55	.93	1.00	5.95	.98	.28	22.71
Fargo (WSO AP)	1.32	.54	1.25	.45	1.82	1.61	2.64	1.12	1.12	7.03	1.13	.17	20.20
Hillsboro	.97	.32	.98	M	M	1.87	4.00	1.63	1.25	5.88	.59	.18	20.50
Mayville	1.43	.24	1.41	.59	2.00	2.55	4.00	.85	.92	6.91	.77	.19	21.86
Sharon	1.03	.38	1.65	.47	3.12	2.93	3.98	1.33	1.35	6.75	.83	.53	24.35
Valley City	.63	.34	1.38	.45	2.80	2.31	1.70	.84	.72	5.43	.99	.28	17.87
EAST CENTRAL DISTRICT (6)	.95	.33	1.32	.44	2.39	2.39	3.51	1.11	1.01	6.49	.86	.26	21.06
Amidon	.40	M	1.31	1.21	4.71	3.43	2.04	1.57	1.56	6.02	.43	.43	23.43
Bowman (Courthouse)	.69	.41	2.62	1.69	6.73	4.64	2.41	1.35	1.27	5.26	.53	.42	28.02
Dickinson (Exp. Station)	.85	.40	1.68	1.85	4.32	3.43	2.02	2.63	1.77	6.51	.63	.49	26.58
Fairfield	.88	.14	1.18	1.05	2.91	3.21	2.12	1.94	1.62	4.29	.26	.29	19.89
Hettinger	.43	.35	2.11	1.78	6.11	4.75	3.10	1.70	.89	4.95	.43	.40	27.00
Medora	.64	.24	2.09	1.33	4.05	3.48	1.37	1.69	1.97	4.48	.06	.66	22.06
Mott	.66	.64	2.57	2.35	6.49	2.46	2.23	.99	1.19	4.74	.22	.34	24.88
Richardton (Abbey)	1.05	.43	2.57	2.06	3.79	5.93	2.01	3.07	1.23	5.84	.45	.66	29.09
SOUTHWEST DISTRICT (7)	.73	.32	2.05	1.49	4.65	3.60	2.03	2.02	1.45	5.23	.32	.49	24.38
Bismarck (WSFO AP)	.75	.40	1.08	.76	3.71	2.04	2.17	1.52	.45	4.30	.41	.62	18.21
Carson	.35	.84	2.59	.68	4.07	3.78	2.78	1.81	1.25	4.59	.21	.32	23.27
Fort Yates	.42	.13	1.01	.95	4.72	1.95	.76	.69	T	2.41	.20	.05	13.29
Moffit	.31	.50	.71	.55	4.91	2.39	2.51	2.40	1.26	4.50	.27	.18	20.49
New Salem	.85	.56	1.86	1.17	3.19	2.32	2.96	2.24	.74	4.26	.35	.55	21.05
Wilton	.87	.35	1.05	.61	3.51	3.88	4.74	1.18	.34	6.01	.39	.47	23.40
SOUTH CENTRAL DISTRICT (8)	.64	.41	1.69	1.01	4.23	2.94	2.54	1.60	.83	4.58	.36	.41	21.24
Ashley	.77	.31	1.00	.88	3.80	1.68	1.97	.35	2.11	4.66	1.00	.10	18.63
Ellendale	.37	.22	.72	.35	3.09	1.75	2.60	.68	1.06	5.97	.57	.06	17.44
Forman	1.00	.47	2.21	.44	2.44	1.58	1.56	1.44	1.25	4.51	.98	.11	17.99
Fullerton	1.63	.67	1.91	.57	2.99	1.39	3.13	.29	1.15	5.42	1.39	.10	20.64
Hankinson	1.04	.65	2.06	.41	2.54	.95	2.11	2.56	3.64	4.36	.95	.10	21.37
Lisbon	.72	.58	1.36	.71	3.02	1.29	1.41	.92	1.15	6.04	.87	.10	18.17
McLeod	.85	.52	.91	.67	2.80	1.66	3.89	1.03	1.32	5.64	.91	.06	20.26
Napoleon	1.16	.56	1.80	.53	4.05	3.21	1.59	1.24	.54	5.97	.60	.19	21.44
Wahpeton	.42	.46	.98	.43	2.19	1.28	3.36	2.06	2.91	5.66	.75	.15	20.65
Wishek	.63	.39	1.12	.64	3.50	1.77	.59	.26	.92	4.11	.79	.40	15.12
SOUTHEAST DISTRICT (9)	.88	.49	1.42	.62	3.04	1.82	2.19	1.01	1.50	5.26	.82	.21	19.26
STATE	.95	.38	1.31	.65	3.18	3.17	2.78	1.74	1.36	4.78	.47	.54	21.31

Underlined figures are partially estimated. M - Missing. T - Trace 1/ Preliminary Data. Source: Environmental Data and Information Service.

WEATHER DATA CONT.

LONG-TERM MEAN TEMPERATURES BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	5.0	12.8	23.6	40.8	53.9	62.9	68.7	66.9	56.1	44.7	26.5	13.5	39.6
Foxholm	6.0	13.4	24.1	41.2	54.4	63.5	69.2	67.5	56.8	46.0	28.1	14.5	40.4
Grenora	6.2	14.3	24.8	41.2	53.9	62.9	68.8	67.1	56.2	45.3	27.3	14.7	40.2
Kenmare	4.1	11.4	21.8	39.1	52.7	62.1	68.0	65.8	54.6	43.6	26.3	13.2	38.6
Minot Exp. Station	4.5	11.6	22.5	40.2	53.5	63.0	68.6	66.9	55.7	44.5	26.6	13.3	39.2
Mohall	2.7	10.3	21.8	40.1	53.1	62.6	68.0	66.1	55.0	43.7	26.1	12.0	38.5
Parshall	5.8	13.2	24.4	41.1	53.9	63.0	68.9	67.2	56.2	45.1	27.2	14.3	40.0
Powers Lake	2.4	10.1	20.7	38.3	51.4	60.8	66.6	65.0	53.8	42.5	24.6	11.7	37.3
Williston WSO	6.6	14.6	25.3	41.8	54.5	63.8	70.0	68.1	56.6	45.1	27.6	14.9	40.8
NORTHWEST DISTRICT (1)	5.1	12.3	23.0	40.3	53.3	62.5	68.4	66.5	55.4	44.4	26.5	13.5	39.3
Bottineau	-.2	7.4	19.3	38.9	52.7	62.1	67.4	65.7	54.2	42.9	23.9	9.0	36.9
Drake	3.7	10.6	21.9	40.0	53.7	63.2	69.0	67.2	55.8	44.8	26.5	12.7	39.1
Granville	4.6	12.3	23.6	41.3	54.3	63.5	69.4	67.7	56.7	45.6	27.6	13.3	40.0
Leeds	2.1	9.4	21.4	40.2	53.6	63.4	68.4	66.4	55.4	44.2	25.9	10.9	38.4
Rolla	1.8	9.2	20.1	38.2	52.0	61.4	66.7	64.8	53.7	43.1	24.7	10.2	37.2
Rugby	3.9	11.2	23.0	41.7	55.4	65.0	70.2	68.4	57.1	46.0	27.2	12.6	40.1
Upham	1.5	9.1	21.0	40.4	53.9	63.2	68.4	66.4	55.2	43.8	25.5	10.4	38.2
Westhope	1.5	9.2	21.2	40.2	53.8	62.8	67.8	66.1	55.0	43.9	25.0	10.4	38.1
Willow City	.0	7.5	19.7	39.3	52.7	62.3	67.5	65.2	54.0	42.8	24.4	9.2	37.1
NORTH CENTRAL DISTRICT (2)	2.7	9.9	21.5	40.0	53.6	62.9	68.2	66.3	55.2	44.2	25.8	11.2	38.5
Devils Lake	2.3	9.7	21.7	40.0	53.9	63.6	69.1	67.1	56.0	44.8	26.4	11.2	38.8
Edmore	.2	7.6	20.0	39.0	52.6	62.0	67.0	65.3	54.5	43.1	24.5	9.2	37.1
Grafton	2.2	9.5	22.3	41.2	55.4	64.5	69.3	67.8	57.4	46.0	26.9	10.7	39.4
Grand Forks FAA AP	2.2	9.3	22.1	40.7	54.4	63.9	68.8	66.9	56.2	44.9	26.5	11.1	38.9
Hannah	-1.1	6.0	18.1	37.6	52.0	61.6	66.0	64.0	53.7	42.7	23.6	7.8	36.0
Langdon Exp. Farm	-.5	7.0	19.2	38.3	52.4	61.7	66.4	64.8	54.3	43.1	24.0	8.3	36.6
Park River	3.8	11.0	23.2	41.4	55.5	65.0	70.2	68.4	58.1	46.8	27.8	12.2	40.3
Pembina	-.9	6.2	19.4	39.6	53.8	63.4	68.3	66.1	55.9	44.6	25.5	8.9	37.6
Petersburg	1.3	8.1	20.3	38.8	52.9	62.4	67.4	65.5	54.5	43.4	25.0	9.7	37.4
NORTHEAST DISTRICT (3)	1.4	8.7	21.1	39.8	53.8	63.3	68.2	66.3	55.7	44.5	25.8	10.2	38.2
Butte	5.8	12.7	23.7	41.2	54.6	64.2	70.0	68.4	57.0	45.8	27.6	14.2	40.4
Center	7.4	14.7	25.2	41.4	54.2	63.4	69.2	67.7	56.4	45.6	28.4	15.8	40.8
Dunn Center	7.4	14.6	23.9	40.2	53.2	62.6	69.0	67.7	56.3	45.2	28.1	15.9	40.3
Garrison	5.3	12.2	23.0	40.3	53.2	62.7	68.9	67.5	56.0	44.8	27.3	14.4	39.6
Max	4.2	11.1	22.0	39.7	52.9	62.5	68.4	66.4	55.0	43.7	26.0	12.8	38.7
Turtle Lake	6.3	13.6	24.8	41.9	55.0	64.4	70.3	68.8	57.5	46.2	28.0	14.8	41.0
Washburn	7.8	15.6	26.3	42.9	55.5	65.0	70.9	69.4	58.2	47.0	29.5	16.2	42.0
WEST CENTRAL DISTRICT (4)	6.9	14.2	24.7	41.3	54.2	63.5	69.6	68.1	56.8	45.6	28.2	15.5	40.7
Carrington	3.9	10.6	21.9	39.4	52.9	62.6	68.1	66.2	55.2	44.5	26.6	12.4	38.7
Fessenden	5.4	12.6	24.4	41.9	55.1	64.4	69.9	68.3	57.6	46.3	28.0	13.8	40.6
Jamestown FAA Airport	5.4	12.6	24.3	41.4	54.3	64.2	69.9	68.2	56.9	45.6	27.7	13.7	40.4
McClusky	5.5	12.7	24.1	41.3	54.8	64.3	70.3	68.7	57.3	45.6	27.4	13.8	40.5
Pettibone	4.3	11.5	23.4	41.2	54.0	63.6	69.6	68.1	57.0	45.3	27.8	13.0	39.9
Steele	6.5	13.9	25.2	42.4	55.4	64.4	70.1	68.6	57.9	46.7	28.6	14.8	41.2
CENTRAL DISTRICT (5)	5.3	12.1	23.8	41.2	54.4	63.9	69.5	67.9	56.8	45.6	27.5	13.4	40.1
Amenia	5.0	12.4	25.5	43.1	56.5	65.6	70.6	69.2	59.0	47.5	29.0	13.2	41.4
Cooperstown	4.0	11.3	24.0	41.7	55.2	64.5	69.9	68.3	57.5	46.2	27.5	12.5	40.2
Fargo WSO	4.3	11.0	24.0	42.1	55.6	65.2	70.6	68.8	57.8	46.3	28.2	12.7	40.5
Hillsboro	4.7	11.7	24.3	42.5	56.3	65.7	70.9	69.0	58.7	47.2	28.6	13.1	41.1
Mayville	4.3	11.3	24.1	42.2	55.8	65.2	70.2	68.6	58.0	46.8	28.2	13.0	40.6
Sharon	2.8	10.2	22.5	40.5	54.1	63.3	68.3	67.1	56.4	45.3	26.3	11.2	39.0
Valley City	4.9	12.2	24.2	41.4	55.0	64.1	69.4	67.5	56.6	45.6	27.8	13.1	40.2
EAST CENTRAL DISTRICT (6)	4.7	11.5	24.1	41.9	55.5	64.8	70.0	68.4	57.7	46.4	27.9	12.7	40.5
Amidon	12.1	18.8	27.0	41.0	53.0	62.4	69.4	68.4	57.0	46.1	30.0	19.6	42.1
Bowman	12.7	19.1	27.7	41.6	53.6	62.9	69.9	68.4	57.1	46.1	30.0	19.9	42.4
Dickinson Exp. Station	9.3	16.2	25.4	40.5	53.0	62.2	68.6	67.4	55.9	45.0	28.3	17.1	40.7
Hettinger	12.6	19.4	27.8	42.3	54.0	63.5	70.2	68.8	57.2	46.4	30.0	19.5	42.6
Medora	12.0	19.8	28.8	42.9	55.0	64.2	70.6	69.2	57.7	46.2	30.1	19.1	43.0
Mott	10.7	18.1	27.2	41.7	53.8	63.0	69.1	67.6	56.5	45.6	28.8	17.9	41.7
Richardton	10.7	17.9	27.2	42.3	54.8	63.9	70.2	69.0	57.9	46.8	29.8	18.5	42.4
SOUTHWEST DISTRICT (7)	11.2	18.3	27.0	41.6	53.7	63.0	69.6	68.2	56.9	45.8	29.3	18.6	41.9
Bismarck WSO	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
Carson	8.1	15.4	25.4	41.0	53.9	63.1	69.7	68.2	56.8	45.5	28.5	16.2	41.0
Fort Yates	10.3	17.4	27.6	43.7	56.4	66.0	72.5	70.8	59.8	48.5	31.4	18.6	43.6
Linton	7.9	15.7	27.3	44.0	56.6	65.9	72.2	70.8	59.3	47.5	29.5	16.0	42.7
Mandan Exp. Station	6.7	13.7	25.0	41.6	54.5	64.0	70.1	68.7	57.2	46.1	28.7	15.4	41.0
New Salem	8.0	15.4	25.5	41.4	54.2	63.5	69.9	68.4	57.3	45.9	28.5	16.2	41.2
SOUTH CENTRAL DISTRICT (8)	8.6	15.6	26.2	42.4	55.0	64.4	70.7	69.2	57.9	46.6	29.3	16.5	41.9
Ashley	7.1	13.8	24.9	41.8	54.2	63.8	69.6	68.2	57.5	46.4	28.6	15.2	40.9
Ellendale	8.2	15.4	27.2	43.8	56.3	65.7	71.4	70.1	59.4	47.8	30.0	16.2	42.6
Forman	6.2	13.6	26.0	43.2	56.2	65.8	71.4	69.8	58.6	47.1	29.6	14.7	41.9
Fullerton	7.2	14.7	26.7	43.6	56.3	65.7	71.3	69.8	58.9	47.5	29.6	15.4	42.2
Hankinson	6.4	12.5	24.5	42.0	55.6	65.5	71.1	69.0	57.8	46.8	29.7	14.9	41.3
Lisbon	7.0	13.8	26.3	43.4	56.1	65.4	70.6	69.0	58.5	47.6	29.8	14.8	41.9
McLeod	6.0	13.1	25.9	43.5	56.7	66.0	71.3	69.6	59.1	47.8	29.4	14.4	41.9
Napoleon	6.1	13.0	24.2	41.6	54.6	64.2	70.2	68.7	57.3	46.0	28.1	14.4	40.7
Wahpeton	6.9	13.7	26.3	44.1	57.6	67.0	72.0	70.1	59.7	48.6	30.5	15.4	42.7
Wishek	4.9	11.4	22.8	40.0	53.0	62.7	68.6	66.8	55.8	44.5	27.0	13.7	39.3
SOUTHEAST DISTRICT (9)	6.6	13.3	25.3	42.5	55.5	65.0	70.7	69.0	58.1	46.8	29.0	14.7	41.4
STATE	5.8	12.9	24.1	41.2	54.3	63.7	69.4	67.8	56.7	45.5	27.7	14.0	40.3

Source: Environmental Data and Information Service

WEATHER DATA CONT.

LONG-TERM PRECIPITATION BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.40	.39	.43	1.30	2.00	2.71	2.04	1.99	1.78	.84	.40	.43	14.71
Foxholm	.46	.40	.47	1.54	2.12	3.49	1.99	2.04	1.79	.81	.50	.45	16.06
Grenora	.43	.41	.46	1.28	2.06	2.93	2.12	1.79	1.50	.75	.43	.43	14.59
Kenmare	.53	.48	.60	1.46	2.11	3.10	1.85	1.82	1.83	.81	.41	.44	15.44
Minot Exp. Station	.58	.53	.61	1.90	2.25	3.13	2.18	2.02	1.98	.87	.59	.54	17.18
Mohall	.44	.40	.47	1.35	2.24	3.36	2.22	2.29	1.82	.96	.41	.40	16.36
Parshall	.34	.35	.42	1.39	2.24	3.66	2.16	1.98	2.01	.73	.39	.36	16.03
Powers Lake	.35	.35	.49	1.31	2.07	3.14	2.14	1.96	1.85	.82	.37	.33	15.18
Williston WSO	.55	.50	.57	1.29	1.85	2.68	1.83	1.42	1.37	.74	.50	.55	13.85
NORTHWEST DISTRICT (1)	.47	.44	.53	1.43	2.16	3.13	2.06	1.94	1.79	.90	.45	.45	15.75
Bottineau	.47	.41	.57	1.31	2.15	3.31	2.80	2.87	1.96	.99	.48	.46	17.78
Drake	.42	.35	.66	1.47	2.18	3.39	2.71	2.12	.86	.93	.55	.45	17.09
Granville	.45	.42	.61	1.55	2.17	3.30	1.95	2.42	.76	.85	.44	.46	1[illegible].38
Leeds	.73	.46	.87	1.43	2.18	3.28	2.47	2.17	1.73	.88	.61	.60	17.41
Rolla	.51	.49	.66	1.20	2.25	3.44	2.82	2.92	1.97	.84	.53	.52	18.15
Rugby	.59	.43	.64	1.29	1.93	3.14	2.56	2.61	1.79	.86	.50	.50	16.84
Upham	.46	.41	.49	1.36	2.11	3.08	2.15	2.41	1.77	.88	.48	.48	16.08
Westhope	.47	.38	.52	1.19	1.96	3.04	2.13	2.31	1.86	.90	.43	.47	15.66
Willow City	.46	.38	.53	1.20	1.84	2.88	2.28	2.50	1.77	.82	.40	.43	15.49
NORTH CENTRAL DISTRICT (2)	.49	.41	.61	1.33	2.11	3.19	2.49	2.51	1.82	.89	.48	.48	16.81
Devils Lake	.55	.45	.76	1.00	2.18	3.32	2.21	2.11	1.88	.88	.63	.55	16.52
Edmore	.45	.30	.48	1.18	2.20	2.95	2.80	2.54	1.88	1.04	.41	.33	16.56
Grafton	.59	.44	.74	1.52	2.19	3.25	2.54	2.56	2.06	1.08	.66	.53	18.16
Grand Forks FAA AP	.76	.51	.77	1.34	1.95	2.89	2.86	2.62	2.04	1.11	.80	.64	18.29
Hannah	.44	.43	.54	1.13	2.27	3.05	2.68	2.91	2.01	1.01	.56	.45	17.48
Langdon Exp. Farm	.59	.42	.72	1.33	2.44	2.97	2.99	3.01	1.97	1.12	.65	.51	18.72
Park River	.52	.36	.66	1.70	2.32	3.40	2.66	2.45	2.02	1.09	.58	.49	18.25
Pembina	.50	.41	.69	1.33	2.42	2.86	2.90	2.65	2.19	1.09	.55	.51	18.10
Petersburg	.59	.36	.78	1.34	2.19	3.34	2.73	2.54	2.06	1.08	.72	.45	18.18
NORTHEAST DISTRICT (3)	.55	.41	.71	1.33	2.24	3.13	2.77	2.65	2.05	1.06	.62	.51	18.03
Butte	.42	.39	.54	1.41	1.96	3.17	2.32	1.96	1.78	.78	.43	.39	15.55
Center	.51	.54	.75	1.64	2.45	3.34	2.64	1.99	1.73	.91	.65	.59	17.74
Dunn Center	.40	.48	.60	1.60	2.35	3.69	2.17	2.05	1.65	.87	.51	.39	16.76
Garrison	.41	.48	.57	1.40	1.89	3.17	2.01	1.78	1.60	.68	.42	.46	14.87
Max	.44	.54	.65	1.70	2.17	3.77	2.44	2.18	1.74	.83	.57	.47	17.50
Turtle Lake	.61	.50	.69	1.64	2.11	3.70	2.31	2.08	1.76	.86	.50	.56	17.32
Wilton	.47	.39	.59	1.55	2.59	3.93	2.66	2.08	1.65	.93	.42	.41	17.67
WEST CENTRAL DISTRICT (4)	.45	.44	.56	1.52	2.26	3.53	2.34	1.91	1.70	.81	.49	.45	16.46
Carrington	.61	.50	.75	1.59	2.49	3.77	2.54	2.12	1.69	.98	.63	.51	18.18
Fessenden	.61	.54	.74	1.48	2.49	3.49	2.50	2.24	1.76	1.00	.56	.57	17.98
Jamestown FAA Airport	.60	.58	.79	1.52	2.32	3.59	3.02	2.12	1.61	.94	.52	.51	18.12
McClusky	.55	.46	.67	1.61	2.16	3.99	2.35	2.03	1.64	.86	.52	.57	17.41
Pettibone	.41	.35	.59	1.48	2.37	3.44	2.52	2.03	1.72	.96	.44	.38	16.69
Tuttle	.46	.35	.62	1.48	2.65	3.70	2.30	1.91	1.77	.79	.42	.38	16.83
CENTRAL DISTRICT (5)	.49	.43	.64	1.51	2.38	3.62	2.63	2.15	1.72	.96	.51	.46	17.50
Colgate	.40	.27	.60	1.50	2.26	3.24	2.64	2.64	2.00	1.12	.51	.40	17.58
Cooperstown	.51	.37	.70	1.48	2.37	3.57	3.05	2.60	2.23	1.15	.71	.54	19.28
Fargo WSO	.55	.42	.83	1.90	2.24	3.06	3.34	2.67	1.87	1.29	.79	.63	19.59
Hillsboro	.43	.39	.75	1.71	2.[illegible]	3.73	3.22	2.68	2.16	1.36	.65	.53	19.82
Mayville	.65	.50	.82	1.54	2.24	3.46	2.48	2.57	2.12	1.25	.68	.65	18.96
Sharon	.55	.42	.83	1.64	2.54	3.43	2.93	2.55	2.40	1.17	.71	.52	19.69
Valley City	.49	.44	.71	1.61	2.35	3.52	2.74	2.36	1.95	1.07	.64	.55	18.43
EAST CENTRAL DISTRICT (6)	.51	.40	.76	1.69	2.37	3.48	2.94	2.58	2.10	1.23	.68	.55	19.29
Amidon	.37	.37	.54	1.53	2.54	3.85	2.23	1.49	1.41	.74	.42	.39	15.88
Bowman	.33	.42	.52	1.47	2.43	3.68	2.11	1.63	1.41	.76	.42	.35	15.53
Dickinson Exp. Station	.34	.40	.57	1.73	2.53	3.69	2.08	1.86	1.51	.85	.45	.34	16.35
Fairfield	.34	.35	.48	1.44	2.45	3.60	1.99	1.84	1.64	.77	.46	.31	15.67
Hettinger	.31	.33	.49	1.68	2.76	3.64	2.04	1.77	1.43	.85	.42	.27	15.99
Medora	.43	.42	.57	1.41	2.40	3.53	1.96	1.45	1.42	.75	.50	.38	15.22
Mott	.39	.40	.57	1.65	2.55	3.80	1.99	1.80	1.42	.70	.46	.36	16.09
Richardton	.47	.54	.76	1.81	2.77	3.78	2.35	1.81	1.55	.81	.56	.45	17.66
SOUTHWEST DISTRICT (7)	.39	.43	.58	1.54	2.48	3.62	2.09	1.69	1.46	.84	.48	.38	15.98
Bismarck WSO	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
Carson	.33	.40	.60	1.85	2.68	3.62	2.39	1.89	1.38	.82	.43	.36	16.77
Fort Yates	.33	.36	.58	1.55	2.32	2.80	1.73	1.61	1.33	.83	.34	.33	14.11
Linton	.51	.45	.79	1.85	2.57	3.56	2.33	1.67	1.53	.91	.55	.53	17.25
New Salem	.47	.48	.72	1.70	2.34	3.62	2.20	2.18	1.48	.84	.52	.47	17.02
Shields	.33	.34	.66	1.70	2.39	3.16	2.05	1.94	1.32	.83	.43	.31	15.46
SOUTH CENTRAL DISTRICT (8)	.41	.40	.61	1.64	2.46	3.47	2.18	1.89	1.46	.83	.46	.40	16.21
Ashley	.37	.38	.70	1.51	2.69	3.61	2.51	2.24	1.54	.95	.41	.36	17.27
Eilendale	.45	.52	.69	2.14	3.04	4.01	2.50	2.26	1.89	1.14	.57	.43	19.66
Forman	.55	.51	.87	2.03	2.76	3.78	2.77	2.59	1.82	1.06	.74	.49	19.97
Fullerton	.62	.60	.96	2.29	2.95	3.86	2.54	2.56	1.88	1.20	.76	.53	20.83
Hankinson R.R. Station	.55	.57	.78	2.05	2.62	4.03	2.74	2.59	1.96	1.19	.71	.57	20.36
Lisbon	.47	.47	.77	1.98	2.80	3.71	2.77	2.98	1.83	1.19	.69	.59	20.05
McLeod	.46	.42	.73	1.54	2.40	3.44	3.00	3.01	1.82	1.17	.77	.49	19.25
Napoleon	.45	.39	.76	1.55	2.57	3.19	2.83	2.06	1.73	.93	.53	.43	17.42
Wahpeton	.62	.47	.79	2.14	2.88	4.09	3.21	2.88	2.00	1.25	.77	.62	21.72
Wishek	.46	.46	.78	1.73	2.64	3.53	2.62	2.14	1.48	.88	.46	.45	17.61
SOUTHEAST DISTRICT (9)	.48	.49	.79	1.93	2.70	3.75	2.74	2.52	1.83	1.11	.62	.48	19.44
STATE	.47	.43	.64	1.55	2.35	3.44	2.47	2.20	1.77	.96	.53	.46	17.27

Source: Environmental Data and Information Service

WEATHER DATA CONT.

LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA, AT TEMPERATURES OF 28°F AND 32°F OR ABOVE

Station and County		Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		25°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
Northwest District								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
North Central District								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
Northeast District								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
West Central District								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 24	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
Central District								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
East Central District								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
Southwest District								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
South Central District								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
Southeast District								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

PLANTING AND HARVEST PROGRESS

PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES, NORTH DAKOTA, 1982 AND 5-YEAR AVERAGE (1978-82)

Crop	Year	Percent Planted by Specified Dates						
		April			May			June
		10	20	30	10	20	30	10
Durum Wheat	1982		1/	8	31	47	80	98
	Average	1	4	15	34	54	81	96
Other Spring Wheat	1982		1	14	44	55	81	97
	Average	2	9	24	44	62	86	97
Oats	1982		1/	10	36	50	79	97
	Average	1	7	21	39	57	84	97
Barley	1982		1	19	54	66	82	98
	Average	1	7	21	44	62	85	97
Flax	1982			1	5	11	44	77
	Average		1/	3	7	19	44	77
Corn	1982			1	8	20	50	81
	Average		1/	2	9	28	58	85
Soybeans	1982				4	40	81	99
	Average			1/	5	30	66	93
Beans, Dry	1982				1	10	49	92
	Average			1/	4	22	65	94
Potatoes	1982			1/	6	40	80	98
	Average			4	17	49	81	96
Sunflower	1982			1/	1	6	31	77
	Average		1/	1/	3	16	47	82
Sugarbeets	1982			30	79	88	99	
	Average	1	14	39	71	87	98	

Crop	Year	Percent Harvested by Specified Dates										
		July	August			September			October			Nov.
		30	10	20	30	10	20	30	10	20	30	10
Durum Wheat	1982	1/	5	20	48	79	93					
	Average	1	6	23	43	72	86	94	99			
Other Spring Wheat	1982	1	12	34	61	85	96					
	Average	2	14	37	59	82	92	97				
Winter Wheat	1982	10	54	86	99							
	Average	19	61	88	98							
Oats	1982	2	21	49	72	93						
	Average	5	23	50	71	90	97	99				
Barley	1982	8	33	62	86	95						
	Average	9	33	59	77	92	97	98				
Flax	1982			6	17	30	55	78	82	87	92	97
	Average			4	13	31	49	69	80	88	93	97
Rye	1982	13	68	92								
	Average	21	65	90	98							
Corn for Grain	1982						2	5	13	22	49	75
	Average						2	6	23	44	68	86
Soybeans	1982						1	24	38	49	77	94
	Average					3	5	20	49	73	90	99
Beans, Dry	1982				7	13	31	62	76	81	91	
	Average			1/	3	17	39	65	87	93	97	
Potatoes	1982				2	12	33	72	83	88	98	
	Average				1	11	32	60	85	94	99	
Sunflower	1982						1/	2	5	14	33	61
	Average						1	6	18	39	61	83
Sugarbeets	1982							16	27	61	96	
	Average							9	38	78	96	

1/ Less than one-half of one percent.

CROPS

NORTH DAKOTA CROP SUMMARY, 1982

The Season in Review

Unusually cold and wet conditions in March and into April prevented fieldwork until late April for most farmers in 1982. The average date for beginning fieldwork was April 27, about 2 weeks later than normal.

Small grain seeding began in a few eastern counties the week of April 25 and spread over the State in early May. After delays from mid-May showers, seeding progressed rapidly in late May but was still about one week behind normal at month's end. By June 6, 95 percent of the hard red spring wheat and 96 percent of the durum was seeded. However, areas in the southwest still had significant acreage to seed. Row crop planting was also behind the average pace with sunflower, at 31 percent planted on May 30, about 8 days behind average.

Wet conditions delayed spring work but they were beneficial to soil moisture. The entire State had adequate topsoil moisture from mid-May to mid-June, leading to generally good to excellent crop stands. Moisture shortages began developing in late June in the southeast and increased in severity throughout July and August, reducing yields in that region.

Cool, cloudy weather much of June left wheat fields an average of about 2 weeks behind normal in development as of June 27. Leaf diseases were a concern, especially in wet northeastern areas, but generally crop conditions were quite good. Sunflower development was about one week behind average as of July 4 and other row crops also lagged normal.

Warm weather in July pushed crop development but maturity still lagged normal. Rust was a problem in dry beans and a July 4 storm caused significant water damage to potatoes and other crops in the northeast.

Spring wheat combining got a late start but favorable harvest weather allowed rapid progress in August. By August 29, harvest progress was near the 5-year average pace with winter wheat harvest virtually completed. Only light rainfall in August put developing rows under moisture stress in the southeast quarter of the State. A heavy frost the morning of August 27 did some damage to later seeded wheat fields, as well as damaging sunflower, corn, soybeans and dry edible beans.

Excellent harvest weather continued in September and, by September 19, 95 percent of the hard red spring wheat acreage and 92 percent of the durum acreage was combined. Small grain harvest was completed a little ahead of the normal pace with above average yields and quality. A September 15 freeze did some damage to late seeded corn and sunflower in western areas.

Flax, potato, and corn silage harvests progressed ahead of normal in late September before being halted by heavy rains in October. By October 31, the prolonged harvest of row crops other than corn and sunflower was nearing completion. Sunflower and corn harvests were about 2 weeks behind normal with 34 and 52 percent harvested respectively. By November 28, 12 percent of the sunflower acreage and 6 percent of the corn still remained to be harvested as farmers battled cold, wet conditions A few fields remained standing over the winter.

General Acreage & Production Summary

Acreage: The total planted acreage of all estimated crops (excluding hay) in 1982 was 20.3 million acres, down one percent from 20.5 million in 1981.

Abandonment was near or below normal levels for most crops, but dry bean and potato acreages suffered unusually large abandonment due to wet conditions and an August freeze.

Production and Yield: Total crop output in North Dakota in 1982 rose 5 percent from 1981.

Average yields per acre were larger than in 1981 for small grains, flax, and hay while yields were lower for row crops, indicative of declining soil moisture levels during the growing season along with a damaging freeze on August 27.

Index of Crop Production - North Dakota
1969-82 (1967=100)

Year	Grains			Oil Crops	Misc. 1/	Hay	All Crops
	Food	Feed	All				
1969	115	145	124	161	128	104	125
1970	87	110	94	144	124	116	102
1971	162	136	154	97	148	119	145
1972	120	137	125	107	138	123	124
1973	132	119	129	126	155	101	127
1974	116	69	102	88	180	114	108
1975	145	92	129	120	181	127	132
1976	158	89	137	88	189	96	132
1977	126	118	123	244	238	78	134
1978	157	133	150	328	261	152	171
1979	139	94	125	586	213	136	166
1980	98	56	86	276	213	61	105
1981	181	134	167	405	306	115	187
1982	181	139	169	535	243	135	196

1/ Non-oil sunflower, potatoes, sugar beets, dry edible beans.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		Unit	Production	
	1981	1982	1981	1982	1981	1982		1981	1982
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, Grain			513	520	81.0	68.0	Bu.	41,553	35,360
Silage			366	348	7.3	6.2	Tons	2,672	2,158
Forage			14	12			---		
All	900	890	893	880			---		
Wheat, Durum	4,600	3,560	4,510	3,450	29.0	32.5	Bu.	130,790	112,125
Spring 1/	7,200	7,000	7,050	6,900	28.0	31.0	Bu.	197,400	213,900
Winter	145	175	130	140	27.0	34.0	Bu.	3,510	4,760
All	11,945	10,735	11,690	10,490	28.4	31.5	Bu.	331,700	330,785
Oats	1,200	1,300	960	1,150	46.0	54.0	Bu.	44,160	62,100
Barley	2,250	2,080	2,200	2,040	48.0	53.0	Bu.	105,600	108,120
Rye	90	110	80	100	32.0	34.0	Bu.	2,560	3,400
Flaxseed	350	500	340	475	12.5	14.0	Bu.	4,250	6,650
Soybeans	235	350	230	345	28.0	21.0	Bu.	6,440	7,245
Bean, Dry Edible	430	300	415	240	11.0	10.5	Cwt.	4,565	2,520
Sunflower, Oil	2,420	3,390	2,400	3,339	1200.0	1140.0	Lbs.	2,880,000	3,806,460
Non-Oil	230	210	228	209	1220.0	1220.0	Lbs.	278,160	254,980
All	2,650	3,600	2,628	3,548	1202.0	1145.0	Lbs.	3,158,160	4,061,440
Millet for Grain	130	110	85	80	33.0	24.0	Bu.	2,805	1,920
Mustard	70	43	69	42	920.0	1020.0	Lbs.	63,480	42,840
Sugarbeets	145.6	145.7	144.9	144.8	18.6	17.1	Tons	2,695	2,476
Potatoes, Fall	119	122	115	115	175.0	150.0	Cwt.	20,125	17,250
Hay, Alfalfa			1,600	1,670	1.60	2.00	Tons	2,560	3,340
All Other			1,630	1,550	1.35	1.45	Tons	2,201	2,248
All			3,230	3,220	1.47	1.74	Tons	4,761	5,588
Total Acres 2/	23,745	23,507	23,080	22,870					

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield per Hectare Metric Tons		Production Metric Tons	
	1981	1982	1981	1982	1981	1982	1981	1982
Corn, Grain			207,600	210,440	5.08	4.27	1,055,510	898,190
Silage			148,120	140,830	16.37	13.90	2,424,020	1,957,720
Forage			5,670	4,860				
All	364,220	360,170	361,390	356,130				
Wheat, Durum	1,861,570	1,440,700	1,825,150	1,396,180	1.95	2.19	3,559,560	3,051,570
Spring 1/	2,913,770	2,832,830	2,853,070	2,792,360	1.88	2.08	5,372,400	5,821,470
Winter	58,680	70,820	52,610	56,660	1.82	2.29	95,530	129,550
All	4,834,020	4,344,350	4,730,830	4,245,200	1.91	2.12	9,027,490	9,002,590
Oats	485,630	526,100	388,500	465,390	1.65	1.94	640,990	901,390
Barley	910,550	841,760	890,320	825,570	2.58	2.85	2,299,190	2,354,060
Rye	36,420	44,520	32,380	40,470	2.01	2.13	65,030	86,360
Flaxseed	141,640	202,350	137,590	192,230	.78	.88	107,960	168,920
Soybeans	95,100	141,640	93,080	139,620	1.88	1.41	175,270	197,180
Beans, Dry Edible	174,020	121,410	167,950	97,130	1.23	1.18	207,070	114,310
Sunflower, Oil	979,350	1,371,900	971,260	1,351,260	1.35	1.28	1,306,360	1,726,600
Non-Oil	93,080	84,980	92,270	84,580	1.37	1.37	126,170	115,660
All	1,072,430	1,456,880	1,063,530	1,435,840	1.35	1.28	1,432,530	1,842,260
Millet for Grain	52,610	44,520	34,400	32,380	1.81	1.32	62,340	42,670
Mustard	28,330	17,400	27,920	17,000	1.03	1.14	28,790	19,430
Sugarbeets	58,920	58,960	58,640	58,600	41.69	38.33	2,444,890	2,246,210
Potatoes, Fall	48,160	49,370	46,540	46,540	19.61	16.81	912,860	782,450
Hay, Alfalfa			647,500	675,830	3.59	4.48	2,322,420	3,030,030
All Other			659,650	627,270	3.03	3.25	1,996,730	2,039,370
All			1,307,150	1,303,100	3.30	3.89	4,319,150	5,069,400
Total Hectares 2/	9,609,200	9,513,180	9,340,220	9,255,280				

1/ Spring Wheat other than Durum. 2/ Planted acres include harvested for hay.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA, 1973-82

ACREAGE, YIELD AND PRODUCTION

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
ALL WHEAT				
1973	8,940	8,773	27.5	241,586
1974	10,500	10,316	20.4	210,752
1975	10,627	10,213	25.9	264,392
1976	11,930	11,655	24.7	287,830
1977	9,960	9,254	24.8	229,907
1978	9,760	9,585	29.8	286,065
1979	9,900	9,600	26.3	252,235
1980	11,735	9,620	18.7	179,650
1981	11,945	11,690	28.4	331,700
1982	10,735	10,490	31.5	330,785
OTHER SPRING WHEAT				
1973	6,270	6,170	27.5	169,675
1974	6,770	6,660	20.5	136,530
1975	6,400	6,130	25.5	156,315
1976	8,080	7,900	24.5	193,550
1977	7,200	6,680	25.0	167,000
1978	6,300	6,210	29.0	180,090
1979	6,400	6,230	26.5	165,095
1980	7,200	5,700	18.5	105,450
1981	7,200	7,050	28.0	197,400
1982	7,000	6,900	31.0	213,900
DURUM WHEAT				
1973	2,590	2,530	27.5	69,575
1974	3,600	3,540	20.0	70,800
1975	4,080	3,960	26.5	104,940
1976	3,710	3,620	25.0	90,500
1977	2,600	2,470	24.5	60,515
1978	3,300	3,240	31.5	102,060
1979	3,330	3,250	26.0	84,500
1980	4,400	3,850	19.0	73,150
1981	4,600	4,510	29.0	130,790
1982	3,560	3,450	32.5	112,125
WINTER WHEAT				
1973	80	73	32.0	2,336
1974	130	116	29.5	3,422
1975	147	123	25.5	3,137
1976	140	135	28.0	3,780
1977	160	104	23.0	2,392
1978	160	135	29.0	3,915
1979	170	120	22.0	2,640
1980	135	70	15.0	1,050
1981	145	130	27.0	3,510
1982	175	140	34.0	4,760
OATS				
1973	2,120	1,800	41.0	73,800
1974	1,670	1,400	31.5	44,100
1975	1,500	1,370	41.0	56,170
1976	1,320	1,180	38.0	44,840
1977	1,900	1,500	40.0	60,000
1978	1,320	1,160	54.0	62,640
1979	1,050	840	44.0	36,960
1980	1,050	450	30.0	13,500
1981	1,200	960	46.0	44,160
1982	1,300	1,150	54.0	62,100
BARLEY				
1973	2,860	2,770	37.0	102,490
1974	2,110	2,010	28.0	56,280
1975	2,220	2,100	38.0	79,800
1976	2,200	2,140	38.0	81,320
1977	2,690	2,530	39.0	98,670
1978	2,500	2,450	46.0	112,700
1979	1,700	1,650	46.0	75,900
1980	1,850	1,500	32.0	48,000
1981	2,250	2,200	48.0	105,600
1982	2,080	2,040	53.0	108,120

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
RYE				
1973	116	103	29.5	3,039
1974	116	106	25.0	2,650
1975	135	119	25.0	2,975
1976	120	111	25.5	2,831
1977	110	80	26.0	2,080
1978	200	180	30.0	5,400
1979	170	150	28.0	4,200
1980	100	70	21.0	1,470
1981	90	80	32.0	2,560
1982	110	100	34.0	3,400
FLAXSEED				
1973	977	947	8.0	7,576
1974	886	836	8.0	6,688
1975	815	770	10.0	7,700
1976	495	470	8.0	3,760
1977	750	700	10.0	7,000
1978	360	350	11.5	4,025
1979	480	460	13.0	5,980
1980	350	290	10.0	2,900
1981	350	340	12.5	4,250
1982	500	475	14.0	6,650
SUGARBEETS				
	(000)	(000)	(Tons)	(000 Tons)
1973	80.1	79.3	16.2	1,284
1974	143.2	139.9	11.2	1,562
1975	139.6	130.9	13.9	1,820
1976	153.2	149.8	13.5	2,022
1977	157.8	155.2	17.8	2,769
1978	156.2	155.2	19.7	3,054
1979	145.3	143.1	16.1	2,304
1980	147.6	142.7	14.1	2,017
1981	145.6	144.9	18.6	2,695
1982	145.7	144.8	17.1	2,476
POTATOES				
	(000)	(000)	(Cwt.)	(000 Cwt.)
1973	133	132	145	19,140
1974	139	135	170	22,950
1975	116	110	160	17,600
1976	126	123	140	17,220
1977	142	140	160	22,400
1978	137	135	175	23,625
1979	121	114	160	18,240
1980	114	112	140	15,680
1981	119	115	175	20,125
1982	122	115	150	17,250
ALL DRY EDIBLE BEANS				
	(000)	(000)	(Cwt.)	(000 Cwt.)
1973	102	100	10.5	1,050
1974	134	102	6.5	663
1975	127	122	9.7	1,183
1976	144	139	8.0	1,112
1977	115	105	10.5	1,103
1978	118	118	11.0	1,243
1979	110	105	13.5	1,418
1980	265	255	10.5	2,678
1981	430	415	11.0	4,565
1982	300	240	10.5	2,520

Dry Beans by Commercial Classes (000 Cwt.)

Year	Peas, Navy	Great Northern	Pinto	Other	Total
1973	0	21	985	44	1,050
1974	46	15	594	8	663
1975	61	2	1,117	3	1,183
1976	63	5	1,043	1	1,112
1977	150	9	944	0	1,103
1978	270	3	966	4	1,243
1979	247	3	1,158	10	1,418
1980	404	0	2,248	26	2,678
1981	870	0	3,570	125	4,565
1982	840	0	1,596	84	2,520

HISTORIC ESTIMATES CONT.

ACREAGE, YIELD AND PRODUCTION

Year	Acres Planted	Acres Harvested	Acres Harvested	Yield per Acre	Production
	(000)	(000)	(000)	(Bu.)	(000 Bu.)
	ALL CORN		CORN GRAIN		
1973	544	539	180	56.0	10,080
1974	533	520	170	48.0	8,160
1975	500	467	140	51.0	7,140
1976	510	501	204	40.0	8,160
1977	620	600	260	73.0	18,980
1978	600	593	300	79.0	23,700
1979	590	580	313	76.0	23,788
1980	700	655	290	58.0	16,820
1981	900	893	513	81.0	41,553
1982	890	880	520	68.0	35,360

Year	Acres Harvested	Yield per Acre	Production	Acres
	(000)	(Ton)	(000 Tons)	(000)
	CORN SILAGE			FORAGE
1973	305	5.1	1,556	54
1974	320	5.6	1,792	30
1975	294	5.4	1,588	33
1976	280	5.0	1,400	17
1977	309	5.1	1,576	31
1978	274	6.7	1,836	19
1979	252	6.7	1,688	15
1980	326	4.3	1,402	39
1981	366	7.3	2,672	14
1982	348	6.2	2,158	12

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(000)	(000)	(Bu.)	(000 Bu.)
		SOYBEANS		
1973	220	218	23.5	5,123
1974	168	165	16.5	2,723
1975	180	149	19.5	2,906
1976	150	147	12.5	1,838
1977	180	175	20.0	3,500
1978	175	173	27.5	4,758
1979	210	206	27.0	5,562
1980	210	200	17.5	3,500
1981	235	230	28.0	6,440
1982	350	345	21.0	7,245
		SUNFLOWER - OIL		
	(000)	(000)	(Pounds)	(000 Lbs.)
1973	305	300	1100	330,000
1974	193	188	1000	188,000
1975	376	349	1100	383,900
1976	433	420	1000	420,000
1977	1,190	1,155	1270	1,466,850
1978	1,740	1,731	1340	2,319,540
1979	3,300	3,220	1360	4,379,200
1980	2,200	2,050	980	2,009,000
1981	2,420	2,400	1200	2,880,000
1982	3,390	3,339	1140	3,806,460
		SUNFLOWER - NON-OIL		
1973	113	111	910	101,010
1974	186	179	920	164,680
1975	166	149	1100	163,900
1976	187	180	1000	180,000
1977	170	165	1160	191,400
1978	180	179	1260	225,540
1979	160	158	1300	205,400
1980	200	185	930	172,050
1981	230	228	1220	278,160
1982	210	209	1220	254,980
		SUNFLOWER - TOTAL		
1973	418	411	1050	431,010
1974	379	367	960	352,680
1975	542	498	1100	547,800
1976	620	600	1000	600,000
1977	1,360	1,320	1255	1,658,250
1978	1,920	1,910	1333	2,545,080
1979	3,460	3,378	1357	4,584,600
1980	2,400	2,235	976	2,181,050
1981	2,650	2,628	1202	3,158,160
1982	3,600	3,548	1145	4,061,440

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
		ALL HAY	
1973	3,660	1.15	4,197
1974	3,700	1.27	4,707
1975	3,540	1.49	5,268
1976	3,440	1.16	3,976
1977	3,140	1.03	3,229
1978	3,430	1.83	6,285
1979	3,500	1.61	5,650
1980	2,820	.89	2,519
1981	3,230	1.47	4,761
1982	3,220	1.74	5,588
		ALFALFA HAY	
1973	1,800	1.35	2,430
1974	1,830	1.55	2,837
1975	1,920	1.90	3,648
1976	1,840	1.30	2,392
1977	1,600	1.20	1,920
1978	1,900	2.10	3,990
1979	2,000	1.85	3,700
1980	1,220	.95	1,159
1981	1,600	1.60	2,560
1982	1,670	2.00	3,340
		OTHER HAY	
1973	1,860	.95	1,767
1974	1,870	1.00	1,870
1975	1,620	1.00	1,620
1976	1,600	.99	1,584
1977	1,540	.85	1,309
1978	1,530	1.50	2,295
1979	1,500	1.30	1,950
1980	1,600	.85	1,360
1981	1,630	1.35	2,201
1982	1,550	1.45	2,248

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
		MILLET		
	(Acres)	(Acres)	(Bu.)	(000 Bu.)
1973	124,000	98,000	28.0	2,744
1974	140,000	120,000	29.0	3,480
1975	120,000	96,000	29.5	2,832
1976	118,000	91,000	15.0	1,365
1977	210,000	166,000	30.0	4,980
1978	85,000	70,000	28.5	1,995
1979	80,000	65,000	32.0	2,080
1980	160,000	50,000	28.0	1,400
1981	130,000	85,000	33.0	2,805
1982	110,000	80,000	24.0	1,920
		MUSTARD		
	(Acres)	(Acres)	(Pounds)	(000 Lbs.)
1979	45,000	43,000	700	30,100
1980	50,000	41,000	650	26,650
1981	70,000	69,000	920	63,480
1982	43,000	42,000	1020	42,840

Year	Summerfallow	Principal Crops Total	
		Planted*	Harvested
		- - - Thousand Acres - - -	
1973	7,720	20,274	19,630
1974	6,690	20,594	19,917
1975	7,040	20,522	19,685
1976	6,440	21,312	20,747
1977	6,380	21,249	19,865
1978	6,550	20,716	20,304
1979	6,500	21,491	20,834
1980	6,450	21,857	18,441
1981	5,200	23,720	23,080
1982	5,300	23,462	22,870

*Includes acres harvested for hay.

HISTORIC ESTIMATES CONT.

SEASON AVERAGE PRICE AND VALUE OF PRODUCTION

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
ALL WHEAT			
1973	4.82	1,165,251	132.82
1974	4.95	1,043,923	101.19
1975	4.28	1,131,964	110.84
1976	2.60	748,932	64.26
1977	2.47	567,367	61.31
1978	2.84	813,154	84.84
1979	3.82	964,142	100.43
1980	4.40	790,157	82.14
1981	3.54	1,175,784	100.58
1982	3.57	1,180,902	112.57
SPRING WHEAT OTHER THAN DURUM			
1973	4.28	726,209	117.70
1974	4.45	607,559	91.23
1975	4.05	633,076	103.28
1976	2.67	516,779	65.42
1977	2.40	400,800	60.00
1978	2.80	504,252	81.20
1979	3.53	582,785	93.54
1980	3.92	413,364	72.52
1981	3.59	708,666	100.52
1982	3.60	770,040	111.60
DURUM			
1973	6.17	429,278	169.68
1974	5.97	422,676	119.40
1975	4.65	487,971	123.23
1976	2.47	223,535	61.75
1977	2.66	160,970	65.17
1978	2.93	299,036	92.30
1979	4.41	372,645	114.66
1980	5.10	373,065	96.90
1981	3.48	455,149	100.92
1982	3.50	392,438	113.75
WINTER			
1973	4.18	9,764	133.75
1974	4.00	13,688	118.00
1975	3.48	10,917	88.76
1976	2.28	8,618	63.84
1977	2.34	5,597	53.82
1978	2.52	9,866	73.08
1979	3.30	8,712	72.60
1980	3.55	3,728	53.26
1981	3.41	11,969	92.07
1982	3.55	16,898	120.70
OATS			
1973	1.10	81,180	45.10
1974	1.41	62,181	44.42
1975	1.32	74,144	54.12
1976	1.37	61,431	52.06
1977	.94	56,400	37.60
1978	1.00	62,640	54.00
1979	1.16	42,874	51.04
1980	1.77	23,895	53.10
1981	1.63	71,981	74.98
1982	1.15	71,415	62.10
BARLEY			
1973	2.09	214,204	77.33
1974	3.10	174,468	86.80
1975	2.55	203,490	96.90
1976	2.24	182,157	85.12
1977	1.54	151,952	60.06
1978	1.78	200,606	81.88
1979	2.06	156,354	94.76
1980	2.62	125,760	83.84
1981	2.15	227,040	103.20
1982	1.80	194,616	95.40

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
RYE			
1973	2.08	6,321	61.37
1974	2.53	6,705	63.25
1975	2.34	6,962	58.50
1976	2.40	6,794	61.21
1977	1.80	3,744	46.80
1978	1.69	9,126	50.70
1979	1.70	7,140	47.60
1980	2.64	3,881	55.44
1981	2.77	7,091	88.64
1982	2.00	6,800	68.00
FLAXSEED			
1973	7.62	57,729	60.96
1974	9.60	64,205	76.80
1975	6.51	50,127	65.10
1976	7.18	26,997	57.44
1977	4.64	32,480	46.40
1978	5.84	23,506	67.16
1979	5.76	34,445	74.88
1980	7.18	20,822	71.80
1981	6.57	27,923	82.13
1982	5.10	33,915	71.40
SUGARBEETS*			
1973	25.80	33,127	417.74
1974	38.70	60,449	432.09
1975	28.50	51,870	396.26
1976	19.70	39,833	265.91
1977	21.40	59,257	381.81
1978	22.90	69,937	450.63
1979	34.10	78,566	549.03
1980	46.30	93,387	654.43
1981	20.50	55,248	381.28
1982	1/	1/	1/
POTATOES*			
1973	4.60	88,044	667.00
1974	3.15	72,293	535.50
1975	4.20	73,920	672.00
1976	3.45	59,409	483.00
1977	2.70	60,480	432.00
1978	2.60	61,425	455.00
1979	3.25	59,280	520.00
1980	6.85	107,408	959.00
1981	4.05	81,506	708.75
1982	4.10	70,725	615.00
DRY EDIBLE BEANS*			
1973	21.30	22,365	223.65
1974	23.90	15,846	155.35
1975	14.70	17,390	142.54
1976	11.20	12,454	89.60
1977	15.80	17,427	165.97
1978	13.50	16,781	148.50
1979	22.50	31,905	303.86
1980	24.70	66,147	259.40
1981	19.80	90,387	217.80
1982	11.30	28,476	118.65
CORN			
1973	2.33	23,486	130.48
1974	3.07	25,051	147.36
1975	2.52	17,993	128.52
1976	2.19	17,870	85.60
1977	1.97	37,391	143.81
1978	2.06	48,822	162.74
1979	2.13	50,668	161.88
1980	2.87	48,273	166.46
1981	2.39	99,312	193.59
1982	2.60	91,936	176.80

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
SOYBEANS			
1973	5.50	28,177	129.25
1974	6.00	16,338	99.02
1975	4.99	14,501	97.32
1976	7.30	13,417	91.27
1977	5.83	20,405	116.60
1978	6.75	32,117	185.65
1979	5.80	32,260	156.60
1980	7.02	24,570	122.85
1981	5.66	36,450	158.48
1982	5.30	38,399	111.30
SUNFLOWER - OIL*			
1973	8.50	28,050	93.50
1974	16.30	30,644	163.00
1975	10.40	39,926	114.40
1976	10.80	45,360	108.00
1977	10.50	154,019	133.35
1978	10.40	241,232	139.36
1979	8.76	383,618	119.14
1980	10.80	216,972	105.84
1981	10.50	302,400	126.00
1982	8.30	315,936	94.62
SUNFLOWER - NON-OIL*			
1973	8.40	8,485	76.44
1974	14.60	24,043	134.32
1975	11.70	19,176	128.70
1976	11.70	21,060	117.00
1977	10.90	20,863	126.44
1978	10.90	24,584	137.34
1979	11.70	24,032	152.10
1980	13.20	22,711	122.76
1981	13.20	36,717	161.04
1982	12.00	30,598	146.40
SUNFLOWER - TOTAL*			
1973	8.48	36,535	88.89
1974	15.51	54,687	149.01
1975	10.80	59,102	118.68
1976	11.10	66,420	110.70
1977	10.60	174,882	132.49
1978	10.40	265,816	139.17
1979	8.89	407,650	120.68
1980	11.00	239,683	107.24
1981	10.70	339,117	129.04
1982	8.53	346,441	97.64
ALL HAY*			
1973	32.00	134,304	36.70
1974	41.50	195,341	52.79
1975	36.00	189,648	53.57
1976	45.50	180,908	52.59
1977	44.00	142,076	45.25
1978	36.00	226,260	65.97
1979	37.50	211,875	60.54
1980	75.00	188,925	66.99
1981	58.00	276,138	85.49
1982	41.00	229,108	71.15
TOTAL PRINCIPAL CROPS			
1973		1,890,723	98.61
1974		1,791,487	92.12
1975		1,891,111	98.18
1976		1,416,622	69.58
1977		1,323,861	68.38
1978		1,830,190	91.78
1979		2,077,159	101.53
1980		1,732,908	96.35
1981		2,487,977	110.35
1982 1/		2,292,735	103.08

* Season average price: sugarbeets and hay, dollars per ton; potatoes, sunflower and dry edible beans, dollars per hundredweight. 1/ Sugarbeets are not included for 1982 as price is not available.

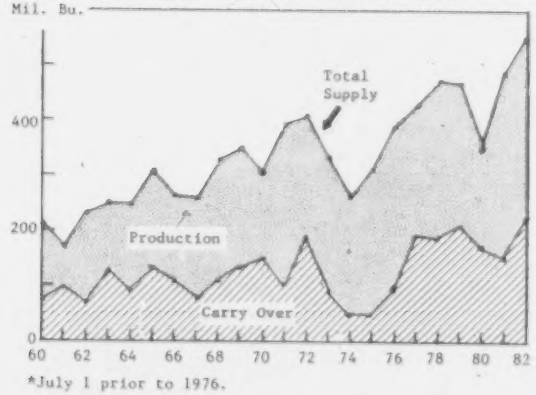
GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1973-82

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/
	Thousand Bushels											
ALL WHEAT												
1973	212,596	132,872	74,892	38,654	45,213	24,714	23,355	12,045	257,809	157,586	98,247	50,699
1974	166,494	111,699	84,301	35,828	42,477	31,458	22,172	11,701	208,971	143,157	106,473	47,529
1975	198,294	142,772	111,045	76,674	49,839	40,475	30,444	21,709	248,133	183,247	141,489	98,383
1976	238,899	207,238	175,576	161,185	67,449	55,849	46,224	33,400	306,348	263,087	221,800	194,585
1977	298,879	246,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979	317,816	242,146	194,221	138,729	62,839	43,409	41,600	35,500	380,655	285,555	235,821	174,229
1980	213,784	179,650	154,499	116,773	59,000	53,500	43,000	34,626	272,784	233,150	197,499	151,399
1981	338,334	278,628	252,092	199,020	64,300	49,205	42,000	32,241	402,634	327,833	294,092	231,261
1982 1/	439,944	360,556	304,322		69,500	56,000	51,500		509,444	416,556	355,822	
DURUM WHEAT												
1973	60,530	45,224	32,005	16,698	8,647	6,985	6,100	4,822	69,177	52,209	38,105	21,520
1974	62,304	45,312	33,276	12,036	13,647	11,480	6,672	3,625	75,951	56,792	39,948	15,661
1975	74,507	55,618	45,124	33,581	16,536	14,251	10,876	9,148	91,043	69,869	56,000	42,729
1976	95,930	83,260	68,780	61,540	22,124	18,455	15,009	10,048	118,054	101,715	83,789	71,588
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979	103,090	74,360	54,925	42,250	16,725	10,428	11,240	6,101	119,815	84,788	66,165	48,351
1980	71,687	59,983	49,742	37,307	15,973	15,600	11,050	7,599	87,660	75,583	60,792	44,906
1981	121,635	100,708	90,245	77,166	19,000	13,000	10,500	7,529	140,635	113,708	100,745	84,695
1982 1/	150,248	132,308	109,883		21,500	18,000	16,000		171,748	150,308	125,883	
BARLEY												
1973	107,615	72,768	46,121	18,448	14,123	12,293	11,807	6,592	121,738	85,061	57,928	25,040
1974	47,838	33,768	21,386	10,130	9,026	8,276	6,887	5,302	56,864	42,044	28,273	15,432
1975	63,840	49,476	36,708	28,728	10,553	9,222	7,814	5,649	74,393	58,698	44,522	34,377
1976	65,869	49,605	34,154	19,517	12,389	10,206	9,479	6,490	78,258	59,811	43,633	26,007
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979	106,260	88,803	68,310	52,371	16,539	11,569	12,400	9,167	122,799	100,372	80,710	61,538
1980	72,000	51,840	38,880	28,800	12,880	12,500	10,200	8,437	84,880	64,340	49,080	37,237
1981	91,872	69,696	52,800	42,240	11,000	8,621	8,215	6,298	102,872	78,317	61,015	48,538
1982 1/	117,851	102,714	73,522		14,500	11,100	10,000		132,351	113,714	83,522	
OATS												
1973	101,106	75,276	47,970	29,520	33,605	28,988	24,724	17,600	134,711	104,264	72,694	47,120
1974	52,920	42,777	26,460	14,553	17,877	14,896	13,205	12,658	70,797	57,673	39,665	27,211
1975	56,732	47,745	30,332	23,591	14,588	12,594	10,970	6,823	71,320	60,339	41,302	30,414
1976	56,050	41,253	25,110	17,039	5,922	3,400	2,633	2,037	61,972	44,653	27,743	19,076
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	68,904	62,640	46,980	35,078	5,259	4,380	4,039	3,345	74,163	67,020	51,019	38,423
1979	59,136	49,896	37,330	26,611	3,965	3,081	2,010	1,551	63,101	52,977	39,340	28,162
1980	33,750	26,325	15,390	11,475	1,610	1,400	1,500	1,076	35,360	27,725	16,890	12,551
1981	45,043	35,328	22,522	17,222	2,200	1,800	1,300	1,185	47,243	37,128	23,822	18,407
1982 1/	65,205	54,648	37,260		2,900	2,100	1,750		68,105	56,748	39,010	

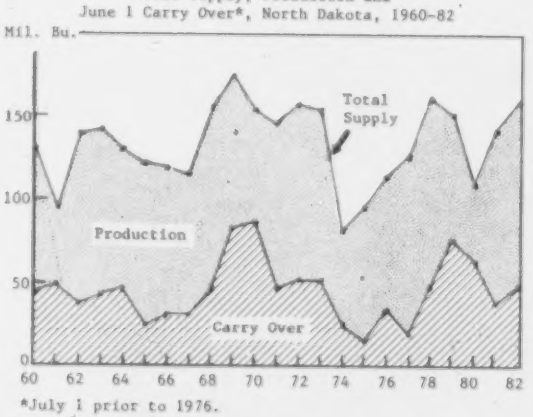
1/ Preliminary. 2/ July 1 prior to 1975.

ALL WHEAT
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1960-82



*July 1 prior to 1976.

BARLEY
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1960-82



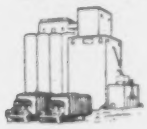
*July 1 prior to 1976.

GRAIN STOCKS CONT.

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1973-82

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/
	- - - - - - - - - - Thousand Bushels - - - - - - - - - -											
RYE												
1973	1,975	1,580	1,064	760	3,367	1,863	1,472	632	5,342	3,443	2,536	1,392
1974	1,776	1,458	1,140	742	1,144	676	527	390	2,920	2,134	1,667	1,132
1975	1,488	1,190	714	536	691	447	300	205	2,179	1,637	1,014	741
1976	1,472	1,274	708	510	843	495	290	188	2,315	1,769	998	698
1977	1,914	1,622	1,290	1,040	288	184	126	93	2,202	1,806	1,416	1,133
1978	3,780	3,402	3,132	2,430	941	683	620	486	4,721	4,085	3,752	2,916
1979	4,452	3,696	3,360	2,940	1,432	1,043	916	812	5,884	4,739	4,276	3,752
1980	1,646	1,279	720	382	560	389	330	127	2,206	1,668	1,050	509
1981	1,434	768	512	358	240	180	143	67	1,674	948	655	425
1982 1/	2,176	1,870	1,632		460	320	300		2,636	2,190	1,932	
FLAXSEED												
1973	4,167	1,970	1,439	455	2,010	1,172	753	349	6,177	3,142	2,192	804
1974	4,882	2,006	1,338	736	1,344	1,145	812	567	6,226	3,151	2,150	1,303
1975	4,620	2,387	1,617	1,078	2,277	2,047	1,352	802	6,897	4,434	2,969	1,880
1976	2,632	1,692	1,128	677	1,240	726	370	305	3,872	2,418	1,498	982
1977	5,250	3,150	2,660	1,890	1,269	1,607	1,006	642	6,519	4,757	3,666	2,532
1978	2,616	1,932	1,449	604	1,259	1,117	560	421	3,875	3,049	2,009	1,025
1979	4,664	2,930	2,332	1,674	859	1,340	620	602	5,523	4,270	2,952	2,276
1980	2,900	1,740	1,044	609	372	640	360	313	3,272	2,380	1,404	922
1981	3,018	2,168	1,403	850	900	400	260	233	3,918	2,568	1,663	1,083
1982 1/	3,591	2,594	1,862		780	1,500	1,200		4,371	4,094	3,062	
Year	Jan. 1	April 1	June 1	Oct. 1 3/	Jan. 1	April 1	June 1	Oct. 1 3/	Jan. 1	April 1	June 1	Oct. 1 3/
CORN												
1973	6,653	4,738	1,512	756	1,140	896	386	174	7,793	5,634	1,898	930
1974	5,712	3,427	1,387	816	820	459	296	154	6,532	3,886	1,683	970
1975	5,355	3,570	2,071	428	954	648	265	423	6,309	4,218	2,336	851
1976	5,059	3,509	1,795	816	808	519	566	336	5,867	4,028	2,361	1,152
1977	15,184	11,008	7,592	5,314	1,321	1,121	898	733	16,505	12,129	8,490	6,047
1978	21,330	13,746	11,850	9,006	1,755	1,807	1,172	960	23,085	15,553	13,022	9,966
1979	19,744	14,273	11,894	9,515	2,058	890	986	863	21,802	15,163	12,880	10,378
1980	13,961	8,074	6,728	3,364	2,500	1,857	1,157	420	16,461	9,931	7,885	3,784
1981	29,087	26,178	24,101	22,854	3,767	2,974	2,364	1,950	32,854	29,152	26,465	24,804
1982 1/	38,896	37,128			5,000	4,500			43,896	41,628		
SOYBEANS												
1973	2,459	1,998	1,076	205	1,117	920	776	218	3,576	2,918	1,852	423
1974	1,770	1,552	654	272	844	654	642	406	2,614	2,206	1,296	678
1975	1,453	1,191	872	407	1,184	816	731	272	2,637	2,007	1,603	679
1976	1,195	772	257	74	431	150	177	108	1,626	922	434	182
1977	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1978	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1979	3,671	3,059	2,392	278	1,351	920	723	414	5,022	3,979	3,115	692
1980	1,750	1,400	700	245	912	640	450	330	2,662	2,040	1,150	575
1981	3,284	2,769	1,674	708	1,700	1,200	360	330	4,984	3,969	2,034	1,038
1982 1/	4,492	2,463			1,800	850			6,292	3,313		

1/ Preliminary. 2/ July 1 prior to 1975. 3/ Sept. 1 for soybeans.

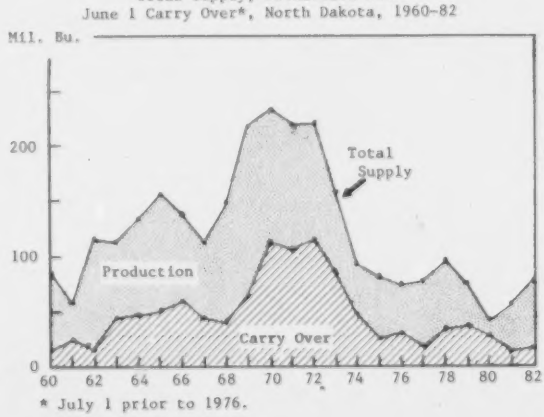


HAY

Crop Of	Production	Stocks Jan. 1	Stocks May 1
	- - - Thousand Ton - - -		
1973	4,197	3,567	672
1974	4,707	3,813	941
1975	5,268	4,267	1,528
1976	3,976	3,499	716
1977	3,229	2,809	452
1978	6,285	5,091	1,697
1979	5,650	5,255	1,526
1980	2,519	2,645	479
1981	4,761	3,761	809
1982	5,588	4,806	1,844

OATS

Total Supply, Production and June 1 Carry Over*, North Dakota, 1960-82



* July 1 prior to 1976.

POTATOES

HARVEST LOSSES, HILLS AND SEED

Harvest loss and number of hills per acre are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

Certified Seed Potatoes 1/
North Dakota, 1977-82

Year	Acres Eligible
1977	40,299
1978	34,454
1979	25,301
1980	22,557
1981	25,380
1982	27,263

1/ N.D. State Seed Dept.

POTATOES: Harvest Loss and Number of Hills per Acre, North Dakota, 1979-1982 1/

Year	REDS			WHITES			RUSSETS			ALL TYPES
	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre
	(Cwt.)	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)
1979	30	43	10,031	44	99	10,148	59	23	9,769	42
1980	26	44	10,041	24	112	9,961	35	19	10,003	26
1981	24	35	9,246	28	122	9,751	42	12	9,085	28
1982	38	34	9,431	35	101	9,384	25	31	10,563	33

1/ Harvest loss pertains to potatoes left in field at time of harvest.

POTATOES: Production, Disposition, Price and Value, North Dakota, 1978-1981

Crop of	Production	Total Used for Seed 1/	Farm Disposition Used on Farms Where Grown		Sold 2/	Price per Hundredweight	Value of Production	
			For Seed, Feed and Household Use	Shrinkage and Loss			Production	Sales
	- - - - - - Thousand Hundredweight - - - - - -					-Dollars-	---Thousand Dollars---	
1978	23,625	1,755	473	3,544	19,608	2.60	61,425	50,981
1979	18,240	1,710	320	2,500	15,420	3.25	59,280	50,115
1980	15,680	1,726	400	1,250	14,030	6.85	107,408	96,106
1981 3/	20,125	1,784	405	2,610	17,110	4.05	81,506	69,296

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes including food, seed, processing and livestock seed. 3/ Preliminary.

POTATOES: Acreage, Yield, Production and Stocks, North Dakota 1979-1982

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				December 1	January 1	February 1	March 1	April 1	May 1
	(000)	(Cwt.)	(000 Cwt.)	- - - - - - - - - - Thousand Hundredweight - - - - - - - - - -					
				REDS					
1979	31.8	154	4,900	4,050	3,580	2,980	2,400	1,530	560
1980	30.2	130	3,940	3,125	2,314	1,560	1,242	600	77
1981	28.8	164	4,730	3,450	2,964	2,350	1,584	1,104	437
1982 1/	27.1	145	3,940	3,330	2,640	2,160	1,846	1,274	598
				WHITES					
1979	66.6	163	10,830	6,810	5,730	4,680	3,530	2,240	760
1980	70.6	141	9,960	6,185	5,251	3,770	2,254	960	280
1981	77.0	178	13,685	8,832	7,011	5,640	4,464	2,484	703
1982 1/	72.1	154	11,120	7,485	6,545	4,950	3,550	2,254	1,066
				RUSSETS					
1979	15.6	161	2,510	1,640	1,390	1,140	970	730	680
1980	11.2	159	1,780	1,390	1,335	1,170	1,104	840	493
1981	9.2	186	1,710	1,518	1,425	1,410	1,152	1,012	760
1982 1/	15.8	139	2,190	1,985	1,815	1,890	1,704	1,372	936
				TOTAL					
1979	114.0	160	18,240	12,500	10,700	8,800	6,900	4,500	2,000
1980	112.0	140	15,680	10,700	8,900	6,500	4,600	2,400	850
1981	115.0	175	20,125	13,800	11,400	9,400	7,200	4,600	1,900
1982 1/	115.0	150	17,250	12,800	11,000	9,000	7,100	4,900	2,600

1/ Preliminary.

WHEAT & BARLEY VARIETIES

HARD RED SPRING WHEAT

LEN MOST POPULAR

Len was the most popular hard red spring wheat variety planted in 1982 with 28 percent of the acreage. Released in 1979, Len quickly gained in popularity to surpass Olaf, the leading variety in 1980 which was the last survey year.

Butte maintained the second place position it also held in 1979 and 1980. With 16 percent of the seeded acreage, Butte edged Olaf which accounted for 15 percent of the acreage. Following Olaf were Coteau and Waldron. These top 5 varieties accounted for 80 percent of the planted acreage.

Among the top 5 varieties, each with 10 percent or more of the State's harvested acreage, Butte had the highest State average yield per harvested acre at 33.7 bushels. Len was a close second averaging 33.0 bushels per acre. Olaf was third at 28.5 bushels.

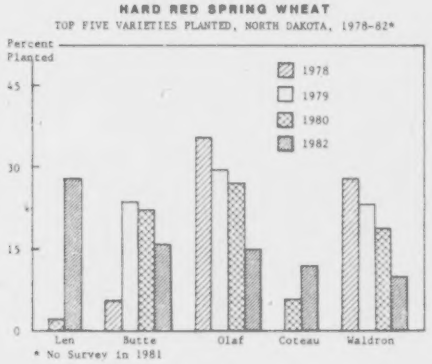
Percent of Acreage Planted by Variety, North Dakota, 1982 With Comparisons

Variety	1975	1978	1979	1980	1982
			- - - Percent - - -		
Len	--	--	--	1.7	27.6
Butte	--	5.0	23.2	22.1	15.5
Olaf	18.4	35.0	29.2	26.9	14.7
Coteau	--	1/	1/	5.9	11.9
Waldron	49.6	28.3	22.7	18.5	10.3
Solar	--	--	2.0	7.4	6.5
Era	8.0	3.9	2.3	3.7	3.0
Walera	--	--	--	--	2.2
Ellar	2.2	7.3	5.3	2.4	1.7
Alex	--	--	--	--	.8
Prodax	--	3.3	5.1	3.5	.7
Other	21.8	17.2	10.2	7.9	5.1
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than 1 percent included in other.

Acreage, Yield and Production by Varieties, North Dakota, 1982

Variety	Acres Pltd.	Acres Harv.	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Len	1,930.9	1,902.4	32.5	33.0	62,686.5
Butte	1,088.2	1,073.1	33.2	33.7	36,141.4
Olaf	1,030.7	1,017.9	28.1	28.5	28,984.5
Coteau	834.6	824.2	27.6	28.0	23,059.9
Waldron	721.4	706.8	24.7	25.2	17,796.9
Solar	453.6	446.6	30.9	31.4	14,014.1
Era	209.2	207.1	35.9	36.3	7,515.0
Walera	151.2	149.1	35.0	35.5	5,291.9
Ellar	116.5	115.3	26.0	26.3	3,027.9
Prodax	52.3	51.7	30.5	30.8	1,594.1
Alex	53.5	52.9	33.5	33.9	1,791.0
Wared	51.2	50.3	34.4	35.0	1,761.2
Oslo	34.6	34.3	41.6	41.9	1,438.4
ProBrd 711	29.1	28.8	43.0	43.4	1,251.3
Other	243.0	239.5	31.1	31.5	7,545.9
ALL VARIETIES	7,000.0	6,900.0	30.6	31.0	213,900.0



Percent of Acreage Planted and Estimated Yield Per Acre Harvested, by Varieties, and Crop Reporting Districts, 1982

Variety	Northwest	North Cent.	Northeast	West Cent.	Central	East Cent.	Southwest	South Cent.	Southeast	State
					- - - - - Percent - - - - -					
Len	9.2	17.2	35.0	9.3	35.5	45.0	12.7	16.6	40.7	27.6
Butte	14.5	22.8	33.6	7.3	14.6	17.3	6.8	4.8	5.9	15.5
Olaf	8.2	6.9	11.3	14.7	12.5	14.7	13.8	27.6	21.9	14.7
Coteau	13.0	25.1	1.4	17.2	12.9	3.7	27.8	10.3	12.2	11.9
Waldron	17.1	10.6	.6	29.0	12.4	.4	13.4	18.7	8.2	10.3
Solar	19.1	5.6	3.8	5.1	3.8	4.9	7.9	9.5	3.2	6.5
Era	.9	2.2	4.1	1.0	2.8	7.2	1.0	2.3	2.2	3.0
Walera	10.0	4.7	1.7	1.5	.2	1.0	1.6	.1	1.2	2.2
Ellar	2.3	1.3	.5	2.8	1.3	.1	5.4	2.9	.4	1.7
Prodax	.1	--	1.0	4.1	.1	.6	1.1	.3	--	.7
Other	5.6	3.6	7.0	8.0	3.9	5.1	8.5	6.9	4.1	5.9
					- - - - - Bushels - - - - -					
Len	32.4	29.9	36.2	29.4	32.0	38.6	24.7	29.0	27.3	33.0
Butte	32.3	29.8	36.3	26.5	34.7	37.3	27.6	21.9	27.2	33.7
Olaf	30.4	25.0	34.7	25.6	31.0	36.0	22.5	24.7	25.0	28.5
Coteau	28.3	29.3	34.9	29.8	29.2	33.9	25.2	29.0	25.0	28.0
Waldron	27.2	29.0	38.3	27.1	26.9	33.1	20.8	22.1	22.6	25.2
Solar	31.9	33.5	35.0	35.9	27.6	39.7	23.4	26.6	33.1	31.4
Era	26.7	34.4	39.2	28.8	31.9	42.8	25.6	27.3	26.5	36.3
Walera	35.9	34.1	41.2	32.3	28.4	39.8	30.1	33.7	30.7	35.5
Ellar	31.4	26.5	28.1	30.2	26.8	36.7	23.8	22.8	26.2	26.3
Prodax	35.5	--	34.1	29.1	35.4	44.6	22.0	20.2	--	30.8
Other	32.5	36.7	40.7	36.7	30.7	44.3	23.3	26.1	31.0	34.0
ALL VARIETIES	31.0	30.0	36.5	29.0	31.0	38.5	24.0	25.5	26.5	31.0

VARIETIES CONT.
DURUM WHEAT

VIC FAVORITE DURUM

Vic, first released in 1979, emerged as the most popular durum variety planted in 1982 accounting for 37 percent of the seeded acreage. Vic increased rapidly in popularity to surpass Ward which led in 1980, the last survey year.

With 23 percent of the planted acreage, Ward dropped to second place after leading in all survey years since 1975. In third and fourth place were Rugby and Crosby with 15 percent and 10 percent of the acreage respectively. Both declined in popularity from 1980. These top four varieties accounted for 85 percent of acreage planted to durum.

Of the top five varieties, each with 5 percent or more of the State's harvested acreage, Cando was the top yielding variety averaging 34.8 bushels per harvested acre. Vic was second at 33.6 bushels followed by Rugby with 32.8 and Ward 31.8.

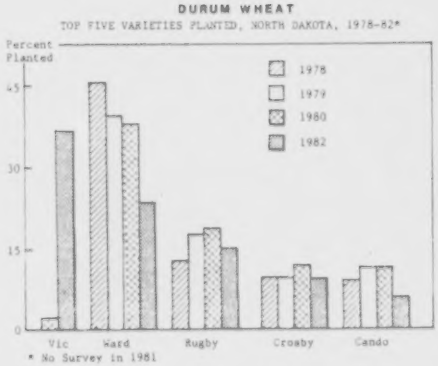
Percent of Acreage Planted by Variety, North Dakota, 1982 With Comparisons

Variety	1975	1978	1979	1980	1982
			- - - Percent - - -		
Vic	--	--	1/	2.3	36.6
Ward	47.5	45.4	39.4	37.7	23.2
Rugby	1/	13.2	17.3	18.7	15.1
Crosby	1/	10.0	9.9	11.8	10.1
Cando	--	8.8	11.6	11.2	6.0
Rolette	26.0	8.8	6.5	6.2	2.3
Calvin	--	--	2.5	3.1	1.7
Leeds	12.5	3.1	3.0	1.1	1.5
Wells	9.5	3.2	2.6	2.8	1.2
Edmore	--	--	1/	1.5	.9
Botno	1/	4.0	4.4	1.8	.8
Other	4.5	3.5	2.8	1.8	.6
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than 1 percent included in other.

Acreage, Yield and Production by Varieties, North Dakota, 1982

Variety	Acres Pltd.	Acres Harv.	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Vic	1,303.9	1,270.9	32.8	33.6	42,732.4
Ward	827.5	800.6	30.8	31.8	25,494.7
Rugby	539.1	528.1	32.2	32.8	17,345.7
Crosby	358.9	333.2	27.6	29.7	9,899.9
Cando	214.6	211.7	34.4	34.8	7,372.0
Rolette	80.1	76.5	28.0	29.3	2,240.1
Calvin	59.2	58.2	32.7	33.2	1,934.6
Leeds	51.7	51.0	32.2	32.6	1,662.3
Wells	42.2	41.1	30.4	31.3	1,284.5
Edmore	33.4	30.3	24.6	27.1	821.8
Botno	26.9	26.2	27.0	27.7	725.9
Other	22.5	22.2	27.2	27.5	611.1
ALL VARIETIES	3,560.0	3,450.0	31.5	32.5	112,125.0



Percent of Acreage Planted and Estimated Yield Per Acre Harvested, by Varieties, and Crop Reporting Districts, 1982

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
					- - - - - Percent - - - - -					
Vic	35.1	29.5	32.1	38.3	45.2	71.2	26.9	36.8	54.6	36.8
Ward	21.1	29.6	25.7	26.1	14.8	4.4	27.4	38.6	20.6	23.2
Rugby	4.7	29.0	17.8	8.3	26.3	9.1	12.8	--	12.8	15.2
Crosby	25.3	1.1	3.5	19.8	4.1	--	--	--	1.0	9.9
Cando	6.3	6.2	8.8	1.7	.8	14.6	2.6	1.0	3.0	6.0
Rolette	.7	1.8	3.5	.1	1.3	--	13.9	19.1	1.0	2.3
Calvin	1.9	.1	2.3	2.9	--	.7	7.7	--	--	1.7
Leeds	1.2	--	.6	1.5	7.3	--	4.6	4.5	.2	1.5
Wells	.4	2.1	2.3	1.2	--	--	--	--	1.4	1.1
Other	3.3	.6	3.4	.1	.2	--	4.1	--	5.4	2.3
					- - - - - Bushels - - - - -					
Vic	33.2	35.9	34.8	33.2	35.3	35.9	28.1	23.7	26.6	33.6
Ward	30.3	33.7	34.2	31.7	32.5	27.6	24.1	26.4	27.7	31.8
Rugby	31.8	32.4	36.1	30.8	33.3	37.3	21.9	--	24.7	32.8
Crosby	28.8	29.3	35.0	31.5	29.8	--	--	--	25.0	29.7
Cando	31.3	36.1	36.8	35.7	36.8	38.8	32.0	29.3	24.5	34.8
Other	28.6	31.7	34.1	27.7	39.1	27.9	23.7	26.7	20.0	30.4
ALL VARIETIES	31.0	34.0	35.0	32.0	34.5	36.0	25.0	25.5	26.0	32.5

VARIETIES CONT.

WINTER WHEAT

Roughrider again strengthened its position as the leading winter wheat variety in North Dakota accounting for 75 percent of the acreage seeded for 1982 harvest. Norstar was a distant second with 12 percent while Winoka and Winalta followed with 8 and 5 percent respectively.

Roughrider was also the top variety in yield per harvested acre averaging 34.8 bushels. Norstar followed closely at 33.8 bushels.

Percent of Acreage Planted by Variety, 1978-82,
Acreage, Yield and Production by Variety, North Dakota, 1982

Variety	1978	1979	1980	1982	1982 Acres Planted	1982 Acres Harvested	1982 Yield per Acre Planted	1982 Yield per Acre Harvested	1982 Production
	- - - Percent - - -				(000 Acres)		(Bu.)	(Bu.)	(000 Bu.)
Roughrider	20.0	49.6	59.3	74.8	130.9	102.9	27.4	34.8	3,581.7
Norstar	-	-	2.2	11.5	20.1	16.9	28.4	33.8	571.0
Winoka	9.1	5.0	8.9	8.2	14.4	11.9	25.3	30.6	364.4
Winalta	3.3	3.2	4.4	4.5	7.9	6.8	26.4	30.6	208.2
Froid	46.6	24.9	8.1	1/	1/	1/	1/	1/	1/
Minter	3.0	3.2	3.0	1/	1/	1/	1/	1/	1/
Other & Unknown	18.0	14.1	14.1	1.0	1.7	1.5	20.4	23.1	34.7
All Varieties	100.0	100.0	100.0	100.0	175.0	140.0	27.2	34.0	4,760.0

1/ Less than one percent included in other and unknown. No unknown varieties were included for 1982.

BARLEY

Percent of Acreage Planted by Varieties, 1977-82

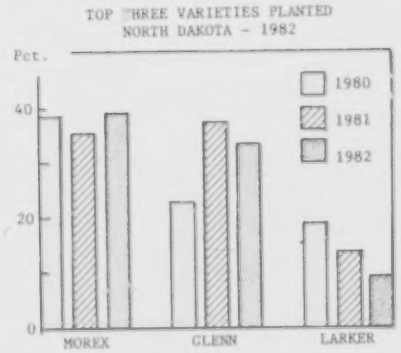
Variety	1977	1978	1979	1980	1981	1982 Pct.	1982 Acres Planted
	- - - - - Percent - - - - -						- 000 -
Morex*	--	0.3	7.6	38.2	35.2	38.7	805.9
Glenn*	--	0.4	8.0	22.5	37.7	33.7	700.0
Larker*	37.9	36.3	36.7	18.7	13.5	8.8	183.7
Bumper	--	--	--	--	1.6	3.8	79.3
Hector	--	0.5	0.4	0.6	1.5	2.7	55.4
Beacon*	38.3	37.7	28.2	9.3	3.9	2.4	49.9
Bonanza*	6.7	5.5	2.7	0.6	0.9	1.8	38.3
Nordic	9.4	9.2	6.6	2.0	1.4	1.4	30.0
Park*	--	--	1.4	1.0	1.2	1.2	24.4
Bedford	--	--	--	--	0.2	0.9	18.1
Summit	--	--	0.2	0.5	0.3	0.8	15.9
Dickson*	2.7	3.1	2.1	1.3	0.7	0.8	15.8
Keystone	0.3	0.2	--	0.1	1/	0.6	12.9
Vanguard*	0.6	0.6	0.6	0.2	0.2	0.5	10.0
Clark*	--	--	--	--	--	0.3	6.0
Manker*	2.8	2.9	2.9	0.6	0.2	0.2	4.3
Johnston	--	--	--	--	--	0.2	4.1
Azure	--	--	--	--	--	0.2	3.2
Promesa	--	--	--	--	--	0.1	1.6
Conquest*	0.3	0.1	--	0.1	0.1	1/	--
Other & Unknown	1.0	3.2	2.6	4.3	1.4	0.9	21.2
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	2,080.0

1/ Less than 0.1 percent. *Recommended as acceptable malting varieties by the Malting Barley Improvement Association.

Morex recaptured first place as the most popular barley variety planted in 1982 edging out Glenn which was first in 1981. Morex was planted on 39 percent of barley acreage, up from 35 in 1981, while Glenn accounted for 34 percent, down from 38 in 1981.

Larker was third in popularity among barley varieties with 9 percent of the total. Down from 14 percent in 1981, Larker continued its slide in popularity after being one of the leading varieties from 1963 to 1979.

Bumper, Hector, and Nordic were again the leading feed type varieties but accounted for only 3.8, 2.7, and 1.4 percent of the barley acreage respectively.



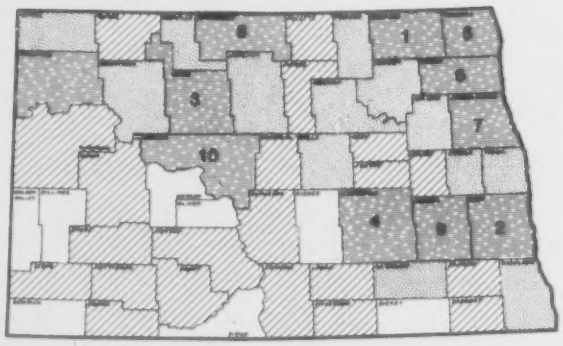
Percent of Acreage Planted by Crop Reporting Districts, North Dakota, 1982

Variety	Northwest	North Cent.	Northeast	West Cent.	Central	East Cent.	Southwest	South Cent.	Southeast	State
					- - - - - Percent - - - - -					
Morex	48.8	57.6	34.3	13.7	22.6	38.7	19.2	12.4	58.7	38.7
Glenn	1.3	16.2	42.1	13.1	37.0	52.0	1.8	12.3	27.5	33.7
Larker	30.5	19.5	1.7	25.2	18.4	1.1	6.5	32.8	8.1	8.8
Bumper	1.4	.3	6.2	3.8	8.0	2.6	.6	13.8	1.2	3.8
Hector	6.9	--	--	16.0	--	.2	34.3	3.0	.1	2.7
Beacon	--	--	4.8	5.1	1.5	2.0	--	3.4	.2	2.4
Bonanza	.1	3.3	2.3	--	7.3	1.2	--	--	.2	1.8
Nordic	--	--	2.0	.8	2.8	--	11.2	2.4	.7	1.4
Park	--	--	3.1	--	--	--	3.6	--	--	1.2
Vanguard	--	--	--	8.4	--	--	3.5	2.8	--	.5
Other & Unknown	11.0	3.1	3.5	13.9	2.4	2.2	19.3	17.1	3.3	5.0

ALL WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	186,000	182,900	25.1	25.5	4,661,500
Divide	237,000	233,800	27.9	28.3	6,615,000
Mountrail	272,000	243,800	29.1	32.5	7,926,000
Renville	211,500	209,000	32.8	33.2	6,944,000
Ward	410,500	405,500	32.4	32.8	13,298,500
Williams	354,000	344,000	28.7	29.5	10,144,000
Northwest	1,671,000	1,619,000	29.7	30.6	49,589,000
Benson	258,000	253,500	31.8	32.4	8,203,000
Bottineau	343,000	339,000	32.8	33.2	11,247,000
McHenry	216,500	213,500	30.5	30.9	6,600,000
Pierce	172,500	169,500	30.5	31.1	5,264,000
Rolette	131,000	129,500	33.0	33.4	4,326,000
North Central	1,121,000	1,105,000	31.8	32.3	35,640,000
Cavalier	402,000	397,800	37.3	37.7	15,005,800
Grand Forks	286,000	283,300	40.2	40.6	11,509,700
Nelson	233,000	229,000	37.4	38.0	8,708,000
Pembina	291,000	286,900	39.8	40.4	11,582,000
Ramsey	312,000	304,000	31.9	32.7	9,952,000
Towner	277,000	268,000	33.8	35.0	9,376,000
Walsh	326,000	315,000	35.5	36.7	11,573,500
Northeast	2,127,000	2,084,000	36.5	37.3	77,707,000
Dunn	127,500	125,000	24.3	24.8	3,094,600
McKenzie	168,000	163,600	29.4	30.2	4,946,400
McLean	354,500	331,000	29.6	31.7	10,504,000
Mercer	97,000	96,000	29.0	29.3	2,816,000
Oliver	56,000	55,400	30.3	30.6	1,697,000
West Central	803,000	771,000	28.7	29.9	23,058,000
Eddy	92,000	90,900	32.9	33.3	3,023,000
Foster	133,500	132,000	33.0	33.3	4,402,000
Kidder	102,500	101,400	24.1	24.3	2,467,600
Sheridan	140,500	130,900	25.6	27.5	3,594,200
Stutsman	391,500	388,400	31.9	32.2	12,489,000
Wells	246,000	236,900	31.9	33.1	7,848,900
Central	1,106,000	1,080,500	30.6	31.3	33,824,700
Barnes	327,000	324,200	34.0	34.3	11,105,500
Cass	364,000	358,400	38.6	39.2	14,053,800
Griggs	138,000	136,400	36.8	37.2	5,080,700
Steele	162,000	160,300	39.5	39.9	6,391,100
Traill	177,000	175,700	43.2	43.6	7,651,900
East Central	1,168,000	1,155,000	37.9	38.3	44,283,000
Adams	141,500	136,000	21.3	22.2	3,017,000
Billings	36,500	35,600	20.6	21.2	753,200
Bowman	133,000	121,300	19.9	21.8	2,640,200
Golden Valley	89,000	83,000	22.6	24.2	2,011,200
Hettinger	234,000	228,300	24.4	25.0	5,702,800
Slope	120,000	116,500	27.1	27.9	3,251,000
Stark	187,000	178,300	21.9	23.0	4,099,100
Southwest	941,000	899,000	22.8	23.9	21,474,500
Burleigh	161,000	156,300	25.0	25.8	4,029,500
Emmons	215,500	214,100	21.3	21.4	4,587,000
Grant	129,000	124,200	23.3	24.2	3,010,400
Morton	151,000	149,500	26.3	26.5	3,966,000
Sioux	43,500	41,900	19.8	20.6	862,900
South Central	700,000	686,000	23.5	24.0	16,455,800
Dickey	127,000	126,000	22.4	22.6	2,845,400
LaMoure	207,500	206,500	31.2	31.3	6,466,000
Logan	129,000	128,300	25.8	25.9	3,327,000
McIntosh	155,000	154,000	20.7	20.9	3,211,000
Ransom	123,500	122,800	25.4	25.5	3,135,200
Richland	218,000	215,900	30.0	30.2	6,530,000
Sargent	138,000	137,000	23.5	23.6	3,238,400
Southeast	1,098,000	1,090,500	26.2	26.4	28,753,000
STATE	10,735,000	10,490,000	30.8	31.5	330,785,000

ALL WHEAT, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



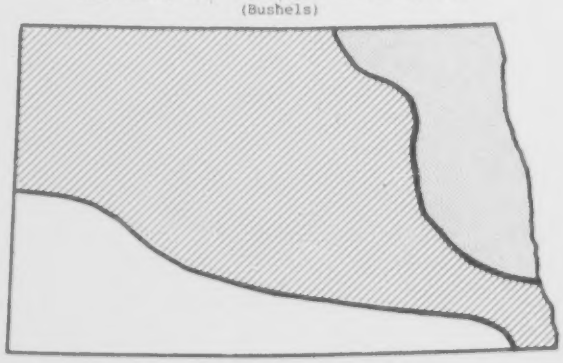
Under 3,000,000 bu.

6,000,000 - 9,999,999 bu.

3,000,000 - 5,999,999 bu.

10,000,000 bu. & over

ALL WHEAT, 1982 - Yield per Harvested Acre
(Bushels)

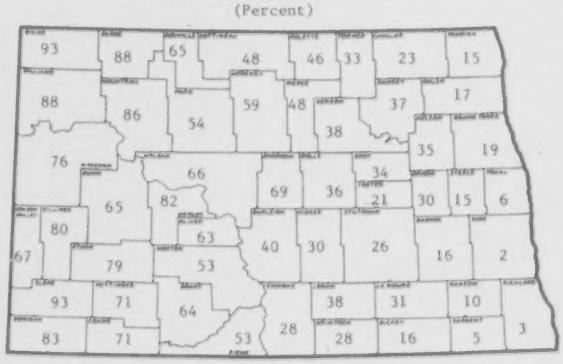


Under 25.0 bu.

35.0 bu. & over

25.0 - 34.9 bu.

ALL WHEAT - 1982
Percent Planted on Summer Fallow
(Percent)



ALL WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	205,500	203,400	24.1	24.4	4,958,600	192,400	187,800	23.5	24.1	4,499,000
Divide	261,000	259,800	27.1	27.2	7,067,200	245,900	239,600	25.2	25.7	6,137,200
Mountrail	298,000	294,500	26.5	26.8	7,901,500	276,400	266,800	23.8	24.5	6,551,300
Renville	232,000	229,700	28.9	29.2	6,703,900	192,900	188,000	25.8	26.3	4,970,300
Ward	441,500	439,100	30.3	30.5	13,398,300	396,400	381,300	25.7	26.5	10,219,600
Williams	385,000	374,500	27.6	28.4	10,626,000	354,200	341,200	23.0	23.7	8,110,700
Northwest	1,823,000	1,801,000	27.8	28.1	50,655,500	1,658,100	1,604,700	24.5	25.2	40,488,000
Benson	290,700	286,600	30.1	30.5	8,752,400	255,800	240,000	24.6	26.0	6,275,800
Bottineau	386,000	381,800	27.1	27.4	10,450,800	327,000	311,200	23.7	24.8	7,702,800
McHenry	246,000	241,800	29.0	29.5	7,132,200	237,100	220,100	21.5	23.2	5,137,400
Pierce	196,500	195,300	27.9	28.0	5,476,100	182,500	164,000	19.9	21.9	3,645,900
Rolette	155,800	153,500	29.9	30.3	4,657,500	135,100	130,100	26.8	27.6	3,593,500
North Central	1,275,000	1,259,000	28.6	29.0	36,469,000	1,137,500	1,065,400	23.3	24.6	26,355,400
Cavalier	416,000	413,900	30.9	31.0	12,846,300	356,200	344,700	30.9	31.8	10,848,600
Grand Forks	284,000	281,000	39.7	40.1	11,267,000	255,900	244,600	32.6	33.7	8,245,200
Nelson	249,000	247,000	34.8	35.0	8,656,000	211,800	205,100	27.1	27.8	5,710,400
Pembina	295,500	293,000	35.3	35.6	10,421,000	267,200	255,800	32.4	33.5	8,538,200
Ramsey	316,500	313,400	30.1	30.4	9,537,600	275,900	263,300	27.5	28.6	7,509,900
Towner	291,000	286,700	29.7	30.1	8,635,100	246,500	234,000	26.5	27.6	6,442,800
Walsh	342,000	338,000	36.1	36.5	12,345,000	298,700	280,800	30.7	31.9	8,998,900
Northeast	2,194,000	2,173,000	33.6	33.9	73,708,000	1,912,300	1,828,300	29.8	30.9	56,294,000
Dunn	143,000	136,800	18.6	19.4	2,654,000	138,200	118,700	18.5	20.3	2,526,400
McKenzie	203,000	196,500	22.2	22.9	4,508,000	188,700	164,200	19.6	21.4	3,637,300
McLean	413,000	404,500	26.4	26.9	10,891,000	397,500	378,000	23.6	24.5	9,293,500
Mercer	102,000	101,300	26.7	26.9	2,720,000	99,900	92,500	21.6	22.8	2,139,800
Oliver	61,000	59,900	23.4	23.8	1,427,000	56,400	49,600	19.1	20.9	1,065,100
West Central	922,000	899,000	24.1	24.7	22,200,000	880,700	803,000	21.4	22.9	18,662,100
Eddy	109,500	107,500	25.4	25.8	2,777,000	92,200	87,200	22.1	23.5	2,047,000
Foster	156,500	154,000	31.7	32.2	4,963,000	122,700	113,600	25.1	26.8	3,096,700
Kidder	131,000	128,900	24.5	24.9	3,209,000	118,700	100,600	15.6	17.5	1,879,200
Sheridan	165,500	163,900	28.2	28.5	4,663,000	154,200	139,700	20.6	22.0	3,155,400
Stutsman	446,500	442,300	30.3	30.5	13,510,000	396,700	368,000	24.8	26.3	9,762,600
Wells	285,500	282,400	29.8	30.2	8,520,000	276,000	251,100	24.6	26.7	6,740,600
Central	1,294,500	1,279,000	29.1	29.4	37,642,000	1,160,500	1,060,200	23.1	24.9	26,681,600
Barnes	343,000	339,900	31.9	31.2	10,605,000	299,100	286,000	27.0	28.1	7,985,900
Cass	404,000	399,900	34.2	34.6	13,832,500	361,100	356,000	32.1	32.6	11,474,200
Griggs	149,000	146,900	30.9	31.3	4,604,900	127,500	124,100	26.8	27.3	3,359,400
Steele	167,500	163,400	35.5	36.4	5,953,000	147,600	144,700	30.4	30.9	4,458,500
Traill	185,500	183,400	38.8	39.2	7,195,600	173,300	169,000	34.4	35.2	5,949,100
East Central	1,249,000	1,233,500	33.8	34.2	42,191,000	1,108,500	1,079,900	30.3	31.0	33,227,100
Adams	168,500	151,500	14.9	16.6	2,509,500	142,200	119,900	15.5	17.4	2,165,100
Billings	44,000	37,300	12.1	14.2	530,400	41,100	33,600	16.2	18.5	664,000
Bowman	142,000	123,000	13.3	15.4	1,890,000	132,600	115,800	16.0	17.8	2,106,900
Golden Valley	109,500	98,700	17.2	19.1	1,888,300	92,100	77,800	18.8	20.8	1,676,000
Hettinger	275,000	260,800	19.9	20.9	5,459,600	244,800	217,400	19.5	21.1	4,702,900
Slope	121,000	116,700	21.6	22.4	2,618,200	107,200	93,700	18.2	19.9	1,933,400
Stark	217,000	203,000	16.3	17.5	3,545,500	191,400	167,500	18.0	20.0	3,378,400
Southwest	1,077,000	991,000	17.1	18.6	18,441,500	951,500	825,800	17.7	19.6	16,626,700
Burleigh	209,500	203,400	22.1	22.8	4,633,400	192,600	151,700	15.2	17.7	2,885,600
Emmons	239,500	231,400	21.2	21.9	5,077,400	217,000	185,400	14.7	16.3	3,219,700
Grant	151,800	145,700	21.4	22.3	3,244,800	137,300	120,900	17.1	18.9	2,344,200
Morton	167,400	154,800	21.2	22.9	3,544,200	155,100	126,900	18.0	21.2	2,794,100
Sioux	55,300	52,700	15.3	16.0	845,200	47,400	43,100	14.5	15.6	692,700
South Central	823,500	788,000	21.1	22.0	17,345,000	749,200	628,100	15.9	18.1	11,936,300
Dickey	173,500	166,900	19.2	20.0	3,332,800	148,900	144,500	21.7	22.3	3,176,600
LaMoure	248,000	244,000	22.9	23.3	5,678,000	225,500	214,000	23.2	24.4	5,190,500
Logan	145,500	143,500	23.2	23.5	3,371,000	137,800	129,300	18.5	19.3	2,545,100
McIntosh	180,500	178,500	21.1	21.3	3,810,000	150,100	139,300	17.0	17.6	2,536,300
Ransom	137,000	135,400	27.3	27.6	3,733,700	108,400	104,600	25.6	26.6	2,712,100
Richland	249,500	247,500	34.8	35.1	8,681,500	207,100	201,100	30.1	30.9	6,242,800
Sargent	153,000	150,700	29.0	29.5	4,441,000	123,800	121,900	26.2	26.6	3,236,900
Southeast	1,287,000	1,266,500	25.7	26.1	33,048,000	1,101,600	1,054,500	23.5	24.3	25,640,200
STATE	11,945,000	11,690,000	27.8	28.4	331,700,000	10,660,000	9,949,800	24.2	25.6	255,911,400

1/ Totals may not add due to rounding.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	162,800	159,900	25.5	25.9	4,144,200	23,200	23,000	22.3	22.5	517,300
Divide	220,500	217,900	28.1	28.4	6,191,500	15,200	14,600	22.7	23.6	345,000
Mountrail	233,600	209,500	29.3	32.7	6,853,300	38,400	34,300	27.9	31.3	1,072,700
Renville	138,200	137,000	34.5	34.8	4,772,000	73,300	72,000	29.6	30.2	2,172,000
Ward	220,200	217,000	34.0	34.5	7,485,500	190,200	188,400	30.5	30.8	5,808,800
Williams	313,000	304,400	28.9	29.7	9,050,000	38,200	36,800	25.0	25.9	954,000
Northwest	1,288,300	1,245,700	29.9	30.9	38,496,500	378,500	369,100	28.7	29.4	10,869,800
Benson	98,900	97,200	33.2	33.8	3,285,900	158,500	155,700	30.9	31.4	4,890,100
Bottineau	164,000	162,500	33.7	34.0	5,523,700	179,000	176,500	32.0	32.4	5,723,300
McHenry	128,000	126,000	32.7	33.2	4,181,500	88,500	87,500	27.3	27.6	2,418,500
Pierce	83,200	81,900	33.2	33.7	2,763,100	89,300	87,600	28.0	28.5	2,500,900
Rolette	60,500	59,800	33.6	34.0	2,034,500	70,500	69,700	32.5	32.9	2,291,500
North Central	534,600	527,400	33.3	33.7	17,788,700	585,800	577,000	30.4	30.9	17,824,300
Cavalier	93,500	91,900	37.0	37.7	3,463,900	308,500	305,900	37.4	37.7	11,541,900
Grand Forks	54,000	53,800	43.9	44.0	2,368,600	231,500	229,000	39.4	39.8	9,113,600
Nelson	82,200	80,700	38.9	39.7	3,201,100	150,800	148,300	36.5	37.1	5,506,900
Pembina	44,000	43,200	39.9	40.6	1,755,000	247,000	243,700	39.8	40.3	9,827,000
Ramsey	116,500	114,000	32.5	33.2	3,787,200	195,500	190,000	31.5	32.4	6,164,800
Towner	90,500	88,000	35.0	36.0	3,164,600	186,500	180,600	33.3	34.5	6,211,400
Walsh	55,000	53,300	31.9	32.9	1,756,100	271,000	261,700	36.2	37.5	9,817,400
Northeast	535,700	524,900	36.4	37.1	19,496,500	1,590,800	1,558,600	36.6	37.3	58,183,000
Dunn	82,700	81,400	25.9	26.3	2,142,800	44,800	43,600	21.2	21.8	951,800
McKenzie	127,400	124,000	30.5	31.3	3,886,700	36,000	35,000	21.9	22.5	787,700
McLean	234,000	225,400	31.6	32.8	7,395,200	118,900	104,000	25.4	29.1	3,025,000
Mercer	80,000	79,400	29.6	29.8	2,369,000	16,800	16,400	26.1	26.7	438,000
Oliver	35,300	35,100	32.5	32.7	1,149,000	20,700	20,300	26.5	27.0	548,000
West Central	559,400	545,300	30.3	31.1	16,942,700	237,200	219,300	24.2	26.2	5,750,500
Eddy	31,500	31,300	35.6	35.8	1,121,600	60,300	59,400	31.4	31.8	1,891,400
Foster	28,500	28,300	34.9	35.1	993,700	104,300	103,000	32.4	32.8	3,375,800
Kidder	31,200	30,900	28.0	28.3	874,100	70,800	70,000	22.2	22.5	1,571,500
Sheridan	96,300	89,200	26.5	28.6	2,550,500	44,200	41,700	23.6	25.0	1,043,700
Stutsman	103,700	102,800	36.2	36.5	3,750,200	287,600	285,400	30.4	30.6	8,728,800
Wells	88,100	84,500	32.4	33.8	2,854,800	157,900	152,400	31.6	32.8	4,994,100
Central	379,300	367,000	32.0	33.1	12,144,900	725,100	711,900	29.8	30.3	21,605,300
Barnes	50,800	50,200	37.5	38.0	1,905,700	275,700	273,500	33.3	33.6	9,177,300
Cass	6,700	6,700	39.8	39.8	266,900	356,000	350,400	38.5	39.1	13,710,700
Griggs	41,300	41,000	39.1	39.4	1,615,700	95,900	94,600	35.8	36.2	3,429,000
Steele	25,000	24,800	41.8	42.1	1,045,200	137,000	135,500	39.0	39.5	5,345,900
Traill	11,300	11,300	42.1	42.1	475,800	165,600	164,300	43.3	43.6	7,170,600
East Central	135,100	134,000	39.3	39.6	5,309,300	1,030,200	1,018,300	37.7	38.1	38,833,500
Adams	100,000	96,300	21.3	22.1	2,129,900	41,500	39,700	21.4	22.3	887,100
Billings	29,100	28,500	21.8	22.3	635,500	7,400	7,100	15.9	16.6	117,700
Bowman	110,000	101,500	20.5	22.2	2,256,300	23,000	19,800	16.7	19.4	383,900
Golden Valley	60,000	56,000	24.6	26.3	1,473,200	29,000	27,000	18.6	19.9	538,000
Hettinger	166,500	162,100	25.1	25.8	4,180,500	67,500	66,200	22.6	23.0	1,522,300
Slope	111,000	108,200	27.3	28.0	3,034,100	9,000	8,300	24.1	26.1	216,900
Stark	147,500	140,900	22.4	23.4	3,302,400	39,500	37,400	20.2	21.3	796,700
Southwest	724,100	693,500	23.5	24.5	17,011,900	216,900	205,500	20.6	21.7	4,462,600
Burleigh	65,100	62,200	27.8	29.1	1,811,800	95,400	93,600	23.1	23.5	2,200,200
Emmons	60,600	60,000	24.4	24.7	1,480,200	154,800	154,000	20.1	20.2	3,103,800
Grant	83,000	80,400	24.6	25.4	2,039,400	45,900	43,700	21.1	22.1	967,500
Morton	80,200	79,400	27.8	28.1	2,228,600	70,800	70,100	24.5	24.8	1,737,400
Sioux	22,900	22,200	22.3	23.0	509,900	20,600	19,700	17.1	17.9	353,000
South Central	311,800	304,200	25.9	26.5	8,069,900	387,500	381,100	21.6	21.9	8,361,900
Dickey	20,200	20,000	31.4	31.7	633,800	106,500	105,700	20.6	20.8	2,197,500
LaMoure	63,600	63,300	34.3	34.5	2,182,800	142,900	142,200	29.6	29.8	4,235,600
Logan	49,500	49,200	33.3	33.5	1,648,700	79,500	79,100	21.1	21.2	1,678,300
McIntosh	42,700	42,300	26.6	26.8	1,133,700	112,300	111,700	18.5	18.6	2,077,300
Ransom	12,800	12,800	34.4	34.4	440,200	110,300	109,600	24.3	24.4	2,678,600
Richland	6,100	6,100	36.5	36.5	222,900	211,900	209,800	29.8	30.1	6,307,100
Sargent	6,600	6,500	30.4	30.9	200,800	131,200	130,300	23.1	23.2	3,027,200
Southeast	201,500	200,200	32.1	32.3	6,462,900	894,600	888,400	24.8	25.0	22,201,600
STATE	4,669,800	4,542,200	30.3	31.2	141,723,300	6,046,600	5,929,200	31.1	31.7	188,092,500

1/ See page 43 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Revised) 1/

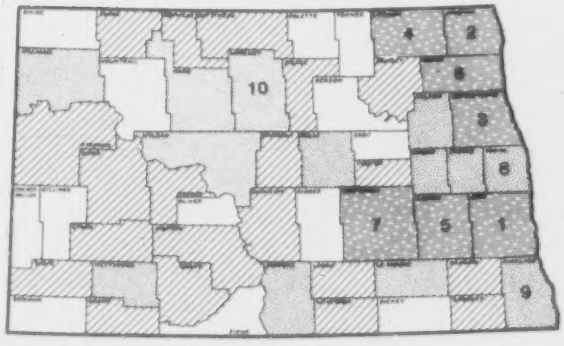
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	178,400	176,300	24.5	24.8	4,373,000	27,100	27,100	21.6	21.6	585,600
Divide	246,800	245,700	27.1	27.2	6,693,300	12,200	12,100	21.8	22.0	265,900
Mountrail	256,000	253,700	26.6	26.8	6,811,400	42,000	40,800	26.0	26.7	1,090,100
Renville	157,500	156,300	29.3	29.5	4,618,300	74,500	73,400	28.0	28.4	2,085,600
Ward	286,000	284,800	30.9	31.1	8,850,000	155,100	153,900	29.2	29.4	4,530,300
Williams	361,500	351,200	27.6	28.4	9,967,600	20,000	19,800	24.3	24.6	486,400
Northwest	1,486,200	1,468,000	27.8	28.1	41,313,600	330,900	327,100	27.3	27.6	9,043,900
Benson	142,100	141,000	29.6	29.8	4,206,000	148,100	145,100	30.6	31.2	4,527,900
Bottineau	274,900	272,300	28.3	28.6	7,785,800	111,100	109,500	24.0	24.3	2,665,000
McHenry	159,700	157,100	29.6	30.1	4,730,000	86,100	84,500	27.8	28.3	2,394,200
Pierce	114,300	113,700	29.4	29.6	3,364,200	82,100	81,500	25.7	25.9	2,107,900
Rolette	88,400	87,300	30.7	31.1	2,716,100	67,400	66,200	28.8	29.3	1,941,400
North Central	779,400	771,400	29.3	29.6	22,802,100	494,800	486,800	27.6	28.0	13,636,400
Cavalier	154,300	153,800	31.7	31.8	4,895,300	261,700	260,100	30.4	30.6	7,951,000
Grand Forks	68,800	67,800	41.3	41.9	2,840,200	215,000	213,000	39.1	39.5	8,416,800
Nelson	98,100	97,100	35.1	35.4	3,439,000	150,700	149,700	34.6	34.8	5,209,000
Pembina	47,000	46,600	37.2	37.5	1,747,000	248,500	246,400	34.9	35.2	8,674,000
Ramsey	157,400	155,900	29.9	30.2	4,709,600	159,100	157,500	30.3	30.7	4,828,000
Towner	155,200	152,200	30.1	30.7	4,667,000	135,800	134,500	29.2	29.5	3,968,100
Walsh	126,800	125,800	34.3	34.6	4,351,000	215,200	212,200	37.1	37.7	7,994,000
Northeast	807,600	799,200	33.0	33.3	26,649,100	1,386,000	1,373,400	33.9	34.3	47,040,900
Dunn	105,800	101,200	19.7	20.6	2,088,000	37,100	35,500	15.1	15.8	562,000
McKenzie	190,500	184,200	21.6	22.3	4,113,300	8,200	8,000	19.3	19.8	158,200
McLean	297,500	291,800	27.4	27.9	8,142,500	113,900	111,100	23.5	24.1	2,676,500
Mercer	72,500	72,000	27.0	27.2	1,957,000	29,200	29,000	25.7	25.9	751,000
Oliver	32,500	31,900	24.9	25.4	809,000	28,400	27,900	21.6	22.0	614,000
West Central	698,800	681,100	24.5	25.1	17,109,800	216,800	211,500	22.0	22.5	4,761,700
Eddy	30,000	29,200	30.2	31.0	904,600	79,300	78,100	23.5	23.9	1,866,400
Foster	55,700	55,100	33.3	33.6	1,853,400	99,700	97,800	30.8	31.4	3,071,100
Kidder	61,100	60,200	26.4	26.7	1,610,100	69,600	68,400	22.8	23.2	1,588,400
Sheridan	121,300	120,400	29.3	29.5	3,550,100	44,200	43,500	25.2	25.6	1,112,900
Stutsman	175,000	173,900	32.9	33.1	5,753,600	271,300	268,200	28.6	28.9	7,749,400
Wells	129,300	127,800	31.9	32.2	4,121,300	156,200	154,600	28.2	28.5	4,398,700
Central	572,400	566,600	31.1	31.4	17,793,100	720,300	710,600	27.5	27.8	19,786,900
Barnes	66,400	65,400	33.1	33.6	2,195,600	276,500	274,400	30.4	30.6	8,404,900
Cass	17,700	16,700	34.9	37.0	617,500	385,000	381,900	34.2	34.4	13,151,500
Griggs	51,000	50,400	35.1	35.5	1,790,300	97,500	96,000	28.7	29.1	2,795,100
Steele	33,300	33,000	37.0	37.3	1,230,600	134,000	130,200	35.2	36.2	4,712,400
Traill	22,300	22,300	37.4	37.4	834,900	163,200	161,100	39.0	39.5	6,360,700
East Central	190,700	187,800	35.0	35.5	6,668,900	1,056,200	1,043,600	33.5	33.9	35,424,600
Adams	139,300	126,400	16.3	18.0	2,273,500	29,200	25,100	8.1	9.4	236,000
Billings	37,300	31,800	12.7	14.9	472,700	6,700	5,500	8.6	10.5	57,700
Bowman	122,500	109,000	14.3	16.0	1,748,500	19,500	14,000	7.3	10.1	141,500
Golden Valley	93,500	84,900	17.7	19.5	1,651,500	16,000	13,800	14.8	17.2	236,800
Hettinger	224,500	212,900	21.1	22.2	4,726,600	50,500	47,900	14.5	15.3	733,000
Slope	106,400	103,200	22.7	23.4	2,411,800	14,600	13,500	14.1	15.3	206,400
Stark	169,500	158,700	17.5	18.7	2,967,000	47,500	44,300	12.2	13.1	578,500
Southwest	893,000	826,900	18.2	19.7	16,251,600	184,000	164,100	11.9	13.3	2,189,900
Burleigh	121,300	117,800	24.6	25.4	2,987,900	87,500	84,900	18.5	19.1	1,621,000
Emmons	59,300	57,700	25.2	25.8	1,491,400	180,000	173,500	19.9	20.6	3,580,000
Grant	107,200	106,200	24.3	24.5	2,599,800	44,500	39,400	14.4	16.3	642,000
Morton	118,300	109,900	23.1	24.9	2,732,000	49,100	44,900	16.5	18.1	812,200
Sioux	37,300	36,200	17.1	17.6	638,200	18,000	16,500	11.5	12.5	207,000
South Central	443,400	427,800	23.6	24.4	10,449,300	379,100	359,200	18.1	19.1	6,862,200
Dickey	19,500	19,200	27.9	28.3	543,100	153,400	147,100	18.0	18.8	2,764,700
LaMoure	65,000	64,400	28.9	29.2	1,880,600	182,400	179,000	20.7	21.1	3,776,400
Logan	66,300	65,300	26.6	27.0	1,761,600	79,200	78,200	20.3	20.6	1,609,400
McIntosh	53,400	52,900	23.8	24.0	1,271,400	127,100	125,600	20.0	20.2	2,538,600
Ransom	17,900	17,400	32.9	33.9	589,500	118,000	116,900	26.2	26.5	3,095,200
Richland	12,100	12,100	32.5	32.5	393,500	237,400	235,400	34.9	35.2	8,288,000
Sargent	8,100	8,100	36.6	36.6	296,500	144,500	142,200	28.6	29.0	4,128,500
Southeast	242,300	239,400	27.8	28.1	6,736,200	1,042,000	1,024,400	25.1	25.6	26,200,800
STATE	6,113,800	5,968,200	27.1	27.8	165,773,700	5,810,100	5,700,700	28.4	28.9	164,947,300

1/ See page 43 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM
Acreage, Yield and Production by Counties,
North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	105,000	103,000	24.5	25.0	2,575,000
Divide	35,000	35,000	30.0	30.0	1,050,000
Mountrail	40,000	38,000	28.5	30.0	1,140,000
Renville	120,000	119,000	32.7	33.0	3,927,000
Ward	170,000	169,000	32.3	32.5	5,493,000
Williams	180,000	176,000	27.9	28.5	5,015,000
Northwest	650,000	640,000	29.5	30.0	19,200,000
Benson	55,000	54,500	29.7	30.0	1,635,000
Bottineau	120,000	119,000	31.2	31.5	3,749,000
McHenry	185,000	183,000	30.2	30.5	5,590,000
Pierce	80,000	79,000	28.6	29.0	2,291,000
Rolette	20,000	19,500	29.8	30.5	595,000
North Central	460,000	455,000	30.1	30.5	13,860,000
Cavalier	250,000	248,000	37.2	37.5	9,310,000
Grand Forks	260,000	259,000	40.9	41.0	10,630,000
Nelson	115,000	113,000	37.3	38.0	4,294,000
Pembina	280,000	277,000	40.1	40.5	11,219,000
Ramsey	90,000	88,000	31.3	32.0	2,816,000
Towner	25,000	24,000	32.6	34.0	816,000
Walsh	250,000	241,000	36.2	37.5	9,040,000
Northeast	1,270,000	1,250,000	37.9	38.5	48,125,000
Dunn	122,000	120,000	24.1	24.5	2,940,000
McKenzie	109,000	108,000	29.7	30.0	3,240,000
McLean	150,000	144,000	28.8	30.0	4,315,000
Mercer	82,000	81,500	28.3	28.5	2,323,000
Oliver	54,000	53,500	30.2	30.5	1,632,000
West Central	517,000	507,000	27.9	28.5	14,450,000
Eddy	60,000	59,500	31.7	32.0	1,904,000
Foster	100,000	99,000	32.7	33.0	3,267,000
Kidder	85,000	84,500	23.4	23.5	1,986,000
Sheridan	120,000	112,000	25.7	27.5	3,080,000
Stutsman	280,000	279,000	31.9	32.0	8,928,000
Wells	155,000	151,000	30.7	31.5	4,755,000
Central	800,000	785,000	29.9	30.5	23,920,000
Barnes	270,000	268,000	34.2	34.5	9,246,000
Cass	310,000	305,000	38.4	39.0	11,900,000
Griggs	115,000	114,000	36.7	37.0	4,218,000
Steele	140,000	139,000	39.7	40.0	5,560,000
Traill	155,000	154,000	43.7	44.0	6,776,000
East Central	990,000	980,000	38.1	38.5	37,700,000
Adams	120,000	117,000	21.9	22.5	2,633,000
Billings	35,000	34,500	20.7	21.0	725,000
Bowman	80,000	77,500	20.4	21.0	1,628,000
Golden Valley	50,000	49,000	21.1	21.5	1,054,000
Hettinger	200,000	197,000	24.2	24.5	4,830,000
Slope	95,000	94,000	27.2	27.5	2,585,000
Stark	170,000	166,000	22.5	23.0	3,818,000
Southwest	750,000	735,000	23.0	23.5	17,273,000
Burleigh	150,000	146,000	25.3	26.0	3,796,000
Emmons	210,000	209,000	21.4	21.5	4,495,000
Grant	116,000	113,000	23.4	24.0	2,712,000
Morton	147,000	146,000	26.3	26.5	3,869,000
Sioux	40,000	39,000	20.0	20.5	800,000
South Central	663,000	653,000	23.6	24.0	15,672,000
Dickey	90,000	89,500	21.4	21.5	1,924,000
LaMoure	145,000	144,500	32.4	32.5	4,702,000
Logan	110,000	109,500	24.9	25.0	2,738,000
McIntosh	135,000	134,500	20.5	20.5	2,763,000
Ransom	115,000	114,500	25.4	25.5	2,920,000
Richland	200,000	198,000	30.7	31.0	6,145,000
Sargent	105,000	104,500	23.9	24.0	2,508,000
Southeast	900,000	895,000	26.3	26.5	23,700,000
STATE	7,000,000	6,900,000	30.6	31.0	213,900,000

SPRING WHEAT OTHER THAN DURUM - 1982
Production by Counties
(Rank of First Ten Counties Shown)

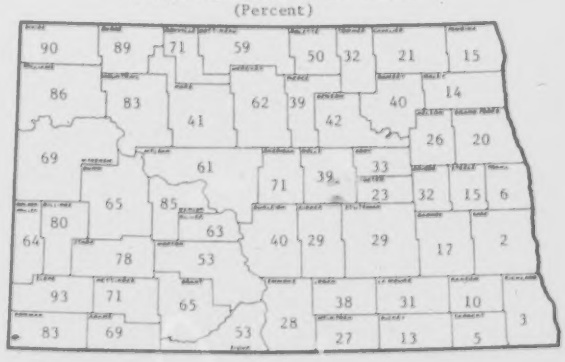


Under 2,000,000 bu.
2,000,000 - 3,999,999 bu.
4,000,000 - 7,999,999 bu.
8,000,000 bu. & over

SPRING WHEAT OTHER THAN DURUM - 1982
Yield per Harvested Acre
(Bushels)

Under 25.0 bu.
25.0 - 34.9 bu.
35.0 bu. & over

SPRING WHEAT OTHER THAN DURUM - 1982
Percent Planted on Summer Fallow
(Percent)



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties, North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,000	94,000	25.7	26.0	2,444,000	104,900	103,200	24.3	24.7	2,548,500
Divide	40,000	40,000	23.0	23.0	920,000	50,400	49,400	22.5	23.0	1,141,300
Mountrail	35,000	35,000	26.0	26.0	910,000	49,000	47,600	22.3	22.8	1,084,600
Renville	120,000	119,000	28.8	29.0	3,451,000	101,000	99,100	26.3	26.7	2,667,400
Ward	130,000	129,000	32.7	33.0	4,257,000	137,000	131,600	26.7	27.6	3,677,900
Williams	200,000	193,000	27.0	28.0	5,403,000	209,400	201,600	22.3	23.0	4,635,700
Northwest	620,000	610,000	28.0	28.5	17,385,000	651,600	632,600	24.2	24.8	15,755,300
Benson	50,000	49,000	25.4	26.0	1,272,000	51,200	45,800	21.2	23.7	1,074,400
Bottineau	105,000	104,000	26.7	27.0	2,805,000	94,500	89,900	24.0	25.0	2,271,100
McHenry	170,000	167,000	27.5	28.0	4,671,000	167,300	154,700	21.0	22.4	3,475,700
Pierce	90,000	90,000	27.0	27.0	2,427,000	89,100	77,100	18.4	21.0	1,611,400
Rolette	15,000	15,000	20.0	20.0	300,000	19,700	19,200	24.6	25.2	516,500
North Central	430,000	425,000	26.7	27.0	11,475,000	421,700	386,500	21.4	23.2	8,949,100
Cavalier	185,000	184,000	30.8	31.0	5,704,000	186,300	180,800	31.4	32.2	5,790,200
Grand Forks	250,000	247,000	39.5	40.0	9,874,000	235,800	225,200	32.9	33.9	7,667,000
Nelson	105,000	104,000	36.2	36.5	3,796,000	73,800	71,100	28.7	29.5	2,135,800
Pembina	270,000	269,000	35.4	35.5	9,549,000	252,400	242,900	32.5	33.4	8,103,100
Ramsey	75,000	74,000	28.1	28.5	2,109,000	68,700	65,900	27.4	28.3	1,858,300
Towner	20,000	20,000	31.0	31.0	620,000	19,700	19,100	30.3	31.3	607,900
Walsh	235,000	232,000	38.5	39.0	9,048,000	218,900	206,400	31.8	33.1	6,898,000
Northeast	1,140,000	1,130,000	35.7	36.0	40,700,000	1,055,700	1,011,400	31.7	32.7	33,060,300
Dunn	135,000	130,000	18.3	19.0	2,471,000	133,600	115,100	18.4	20.2	2,438,000
McKenzie	130,000	127,000	23.0	23.5	2,984,000	117,100	101,300	19.3	21.0	2,225,800
McLean	130,000	129,000	27.8	28.0	3,612,000	178,700	168,300	22.5	23.5	3,983,000
Mercer	90,000	89,500	26.4	26.5	2,372,000	93,800	87,000	21.5	22.7	2,006,000
Oliver	55,000	54,500	23.3	23.5	1,281,000	54,400	47,800	19.1	20.8	1,022,300
West Central	540,000	530,000	23.6	24.0	12,720,000	577,500	519,600	20.4	21.9	11,675,100
Eddy	70,000	69,500	24.8	25.0	1,735,000	59,700	56,600	21.3	22.5	1,273,600
Foster	110,000	109,000	31.7	32.0	3,483,000	94,000	87,000	25.3	26.9	2,368,800
Kidder	90,000	89,500	24.3	24.5	2,190,000	89,300	74,700	15.0	17.0	1,356,400
Sheridan	135,000	134,000	29.2	29.5	3,947,000	132,500	120,100	20.7	22.2	2,710,900
Stutsman	320,000	319,000	29.4	29.5	9,397,000	272,300	252,200	24.6	26.0	6,632,600
Wells	165,000	164,000	29.8	30.0	4,913,000	174,000	161,400	24.8	26.6	4,276,900
Central	890,000	885,000	28.8	29.0	25,665,000	821,800	752,000	22.8	24.5	18,619,100
Barnes	270,000	268,000	30.8	31.0	8,308,000	251,300	240,700	27.3	28.2	6,764,500
Cass	325,000	322,000	33.7	34.0	10,961,000	311,300	307,900	32.3	32.6	9,926,100
Griggs	110,000	109,000	30.7	31.0	3,379,000	107,600	104,900	26.8	27.3	2,837,700
Steele	140,000	137,000	35.7	36.5	5,000,000	133,800	131,500	30.5	31.0	4,053,700
Traill	155,000	154,000	38.8	39.0	6,012,000	159,300	155,700	34.5	35.2	5,471,700
East Central	1,000,000	990,000	33.7	34.0	33,660,000	963,300	940,700	30.5	31.1	29,053,800
Adams	135,000	124,000	14.7	16.0	1,984,000	106,500	90,700	15.4	17.0	1,620,900
Billings	40,000	34,000	11.9	14.0	476,000	37,100	30,900	16.3	18.4	612,000
Bowman	77,000	66,000	11.6	13.5	891,000	84,000	75,000	15.6	17.1	1,342,200
Golden Valley	47,000	41,000	14.8	17.0	697,000	45,000	38,600	16.9	18.5	759,500
Hettinger	230,000	217,000	19.8	21.0	4,557,000	213,900	190,300	19.2	20.8	4,095,000
Slope	86,000	83,000	20.3	21.0	1,742,000	86,700	76,100	17.7	19.2	1,506,300
Stark	185,000	175,000	16.1	17.0	2,973,000	170,100	151,000	18.1	19.8	3,033,100
Southwest	800,000	740,000	16.7	18.0	13,320,000	743,300	652,600	17.5	19.2	12,969,000
Burleigh	185,000	180,000	22.4	23.0	4,140,000	174,600	137,400	15.3	17.9	2,633,700
Emmons	210,000	203,000	20.8	21.5	4,365,000	195,400	167,800	14.5	16.0	2,849,500
Grant	135,000	130,000	21.2	22.0	2,860,000	126,300	111,900	17.1	18.8	2,152,700
Morton	160,000	148,000	21.3	23.0	3,410,000	147,500	122,100	18.3	21.3	2,705,200
Sioux	40,000	39,000	15.6	16.0	625,000	40,300	37,100	14.8	15.7	603,400
South Central	730,000	700,000	21.1	22.0	15,400,000	684,100	576,200	16.0	18.2	10,944,500
Dickey	130,000	126,000	18.4	19.0	2,394,000	123,700	120,000	21.6	22.2	2,647,000
LaMoure	175,000	174,000	22.9	23.0	4,002,000	169,600	161,000	23.4	24.5	3,927,100
Logan	120,000	119,000	22.8	23.0	2,737,000	122,600	115,800	18.2	18.9	2,239,400
McIntosh	160,000	159,000	20.9	21.0	3,344,000	135,600	126,000	16.8	17.3	2,267,500
Ransom	125,000	124,000	27.8	28.0	3,472,000	99,600	96,400	25.9	26.7	2,524,600
Richland	220,000	219,000	34.9	35.0	7,675,000	190,400	185,400	30.2	30.9	5,752,700
Sargent	120,000	119,000	28.8	29.0	3,451,000	99,400	97,900	26.3	26.7	2,622,500
Southeast	1,050,000	1,040,000	25.8	26.0	27,075,000	940,900	902,400	23.5	24.3	21,980,800
STATE	7,200,000	7,050,000	27.4	28.0	197,400,000	6,860,000	6,374,000	23.9	25.4	163,007,000

1/ Totals may not add due to rounding.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	93,500	91,500	24.6	25.2	2,304,000	11,500	11,500	23.6	23.6	271,000
Divide	31,500	31,500	29.7	29.7	934,500	3,000	3,000	29.7	29.7	89,000
Mountrail	33,000	31,000	28.0	29.8	924,000	7,000	7,000	30.9	30.9	216,000
Renville	85,000	84,500	34.8	35.0	2,961,000	35,000	34,500	27.6	28.0	966,000
Ward	69,900	69,700	34.3	34.4	2,396,800	100,000	99,200	30.9	31.2	3,092,000
Williams	155,000	151,400	27.8	28.5	4,310,000	23,700	23,300	27.0	27.5	640,000
Northwest	467,900	459,600	29.6	30.1	13,830,300	180,200	178,500	29.3	29.5	5,274,000
Benson	23,000	22,800	32.6	32.9	749,000	31,500	31,200	27.4	27.7	863,500
Bottineau	71,000	70,500	31.4	31.6	2,227,000	49,000	48,500	31.1	31.4	1,522,000
McHenry	114,000	112,500	32.5	32.9	3,700,000	71,000	70,500	26.6	26.8	1,890,000
Pierce	31,000	30,700	31.9	32.2	990,000	49,000	48,300	26.6	26.9	1,301,000
Rolette	10,000	9,800	30.1	30.7	301,000	10,000	9,700	29.4	30.3	294,000
North Central	249,000	246,300	32.0	32.3	7,967,000	210,500	208,200	27.9	28.2	5,870,500
Cavalier	53,000	52,000	35.9	36.6	1,903,000	197,000	196,000	37.6	37.8	7,407,000
Grand Forks	51,500	51,500	44.3	44.3	2,280,500	208,000	207,000	40.0	40.2	8,322,000
Nelson	30,000	29,500	39.7	40.4	1,191,000	85,000	83,500	36.5	37.2	3,103,000
Pembina	42,000	41,500	40.3	40.8	1,692,000	238,000	235,500	40.0	40.5	9,527,000
Ramsey	36,000	35,500	32.3	32.8	1,163,000	54,000	52,500	30.6	31.5	1,653,000
Towner	8,000	7,500	32.4	34.5	259,000	17,000	16,500	32.8	33.8	557,000
Walsh	34,000	33,000	32.6	33.6	1,110,000	216,000	208,000	36.7	38.1	7,930,000
Northeast	254,500	250,500	37.7	38.3	9,598,500	1,015,000	999,000	37.9	38.5	38,499,000
Dunn	79,000	78,000	25.7	26.0	2,027,000	43,000	42,000	21.2	21.7	913,000
McKenzie	75,000	74,500	31.1	31.3	2,330,000	30,000	29,500	22.5	22.8	674,000
McLean	91,000	88,500	31.5	32.4	2,868,000	58,000	54,500	24.1	25.6	1,395,000
Mercer	70,000	69,700	29.0	29.1	2,029,000	11,800	11,600	24.2	24.6	285,000
Oliver	34,000	33,800	32.4	32.6	1,102,000	20,000	19,700	26.5	26.9	530,000
West Central	349,000	344,500	29.7	30.1	10,356,000	162,800	157,300	23.3	24.1	3,797,000
Eddy	20,000	19,900	34.9	35.0	697,000	39,800	39,400	30.1	30.4	1,197,000
Foster	22,500	22,300	33.8	34.1	760,300	77,000	76,200	32.3	32.6	2,484,200
Kidder	24,400	24,300	27.5	27.7	672,000	60,500	60,100	21.7	21.8	1,310,000
Sheridan	85,000	79,000	26.5	28.5	2,254,000	35,000	33,000	23.6	25.0	826,000
Stutsman	81,900	81,700	36.4	36.5	2,978,000	198,000	197,200	30.0	30.1	5,945,000
Wells	60,000	59,000	32.7	33.2	1,959,000	95,000	92,000	29.4	30.4	2,796,000
Central	293,800	286,200	31.7	32.6	9,320,300	505,300	497,900	28.8	29.2	14,558,200
Barnes	46,000	45,500	38.0	38.4	1,746,000	224,000	222,500	33.5	33.7	7,500,000
Cass	5,300	5,300	38.5	38.5	204,000	304,000	299,000	38.3	39.0	11,654,000
Griggs	36,700	36,500	38.7	38.9	1,420,000	78,000	77,200	35.7	36.1	2,786,000
Steele	21,000	21,000	42.5	42.5	893,000	119,000	118,000	39.2	39.6	4,667,000
Traill	10,000	10,000	41.8	41.8	418,000	145,000	144,000	43.8	44.2	6,358,000
East Central	119,000	118,300	39.3	39.6	4,681,000	870,000	860,700	37.9	38.3	32,965,000
Adams	83,000	81,000	21.9	22.4	1,818,000	37,000	36,000	22.0	22.6	815,000
Billings	28,000	27,700	21.9	22.2	614,000	7,000	6,800	15.9	16.3	111,000
Bowman	66,000	64,000	20.9	21.6	1,381,000	14,000	13,500	17.6	18.3	247,000
Golden Valley	32,000	31,500	22.6	23.0	724,000	18,000	17,500	18.3	18.9	330,000
Hettinger	142,000	140,000	24.6	25.0	3,497,000	58,000	57,000	23.0	23.4	1,333,000
Slope	88,000	87,200	27.3	27.5	2,399,000	7,000	6,800	26.6	27.4	186,000
Stark	133,000	130,500	23.0	23.4	3,057,000	37,000	35,500	20.6	21.4	761,000
Southwest	572,000	561,900	23.6	24.0	13,490,000	178,000	173,100	21.3	21.9	3,783,000
Burleigh	60,000	57,500	28.3	29.5	1,696,500	89,500	88,000	23.3	23.7	2,082,000
Emmons	58,900	58,400	24.6	24.8	1,449,000	151,000	150,500	20.2	20.2	3,043,000
Grant	75,000	73,500	24.6	25.1	1,846,800	40,900	39,400	21.1	21.9	861,700
Morton	78,000	77,500	27.9	28.1	2,174,000	69,000	68,500	24.6	24.7	1,695,000
Sioux	21,000	20,500	22.3	22.9	469,000	19,000	18,500	17.4	17.9	331,000
South Central	292,900	287,400	26.1	26.6	7,635,300	369,400	364,900	21.7	22.0	8,012,700
Dickey	11,700	11,600	30.3	30.5	354,000	78,000	77,600	19.9	20.1	1,555,900
LaMoure	45,600	45,400	35.3	35.5	1,610,000	99,000	98,700	31.0	31.1	3,072,000
Logan	42,000	41,700	32.2	32.4	1,351,000	68,000	67,800	20.4	20.5	1,387,000
McIntosh	37,000	36,800	26.5	26.7	981,000	98,000	97,700	18.2	18.2	1,782,000
Ransom	11,800	11,800	34.4	34.4	406,000	103,000	102,500	24.3	24.4	2,506,000
Richland	5,000	5,000	38.8	38.8	194,000	195,000	193,000	30.5	30.8	5,951,000
Sargent	5,000	5,000	31.6	31.6	158,000	100,000	99,500	23.5	23.6	2,350,000
Southeast	158,100	157,300	32.0	32.1	5,054,000	741,000	736,800	25.1	25.2	18,603,900
STATE	2,756,200	2,712,000	29.7	30.2	81,932,400	4,232,200	4,176,400	31.0	31.5	131,363,300

1/ See page 42 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Revised) 1/

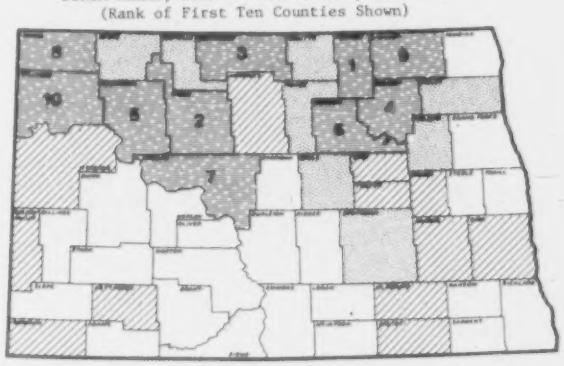
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	87,000	86,000	26.1	26.5	2,275,000	8,000	8,000	21.1	21.1	169,000
Divide	32,000	32,000	22.2	22.2	709,000	6,800	6,800	22.2	22.2	151,000
Mountrail	29,000	29,000	25.7	25.7	744,000	6,000	6,000	27.7	27.7	166,000
Renville	80,000	79,500	28.9	29.1	2,311,000	40,000	39,500	28.5	28.9	1,140,000
Ward	78,000	77,000	33.3	33.7	2,595,000	51,800	51,800	31.9	31.9	1,654,000
Williams	191,000	184,000	27.1	28.2	5,182,000	8,700	8,700	24.0	24.0	209,000
Northwest	497,000	487,500	27.8	28.3	13,816,000	121,300	120,800	28.8	28.9	3,489,000
Benson	21,500	21,500	27.8	27.8	598,500	28,200	27,200	23.5	24.4	663,000
Bottineau	76,000	75,500	27.7	27.9	2,104,000	29,000	28,500	24.2	24.6	701,000
McHenry	115,000	113,000	28.5	29.0	3,274,000	54,900	53,900	25.4	25.8	1,393,000
Pierce	36,000	36,000	27.9	27.9	1,005,000	54,000	54,000	26.3	26.3	1,422,000
Rolette	8,000	8,000	26.4	26.4	211,000	7,000	7,000	12.7	12.7	89,000
North Central	256,500	254,000	28.0	28.3	7,192,500	173,100	170,600	24.7	25.0	4,268,000
Cavalier	59,000	58,500	32.6	32.9	1,922,000	126,000	125,500	30.0	30.1	3,782,000
Grand Forks	62,800	61,800	41.2	41.9	2,587,000	187,000	185,000	38.9	39.3	7,277,000
Nelson	30,000	29,500	36.7	37.3	1,100,000	75,000	74,500	35.9	36.2	2,696,000
Pembina	42,000	42,000	37.3	37.3	1,566,000	228,000	227,000	35.0	35.2	7,983,000
Ramsey	41,000	40,500	28.1	28.5	1,154,000	34,000	33,500	28.1	28.5	955,000
Towner	10,000	10,000	32.0	32.0	320,000	10,000	10,000	30.0	30.0	300,000
Walsh	75,000	74,500	37.6	37.9	2,820,000	160,000	157,500	38.9	39.5	6,228,000
Northeast	319,800	316,800	35.9	36.2	11,469,000	820,000	813,000	35.6	35.9	29,221,000
Dunn	100,000	96,000	19.5	20.3	1,946,000	34,900	33,900	14.9	15.4	521,000
McKenzie	120,000	117,000	22.2	22.7	2,661,000	6,400	6,400	19.5	19.5	125,000
McLean	96,000	95,500	29.4	29.6	2,824,000	33,800	33,300	23.0	23.4	779,000
Mercer	65,000	64,600	26.7	26.8	1,734,000	24,800	24,700	25.4	25.5	630,000
Oliver	28,000	27,700	24.8	25.0	693,000	26,900	26,700	21.7	21.9	584,000
West Central	409,000	400,800	24.1	24.6	9,858,000	126,800	125,000	20.8	21.1	2,639,000
Eddy	14,800	14,800	30.6	30.6	453,000	55,000	54,500	23.2	23.4	1,276,000
Foster	43,300	43,000	33.6	33.8	1,455,500	66,000	65,300	30.3	30.7	2,003,000
Kidder	39,000	39,000	25.9	25.9	1,011,000	51,000	50,500	23.1	23.3	1,179,000
Sheridan	98,000	97,500	30.3	30.5	2,974,000	37,000	36,500	26.3	26.7	973,000
Stutsman	135,000	135,000	32.3	32.3	4,357,000	185,000	184,000	27.2	27.4	5,040,000
Wells	75,000	74,500	31.5	31.7	2,365,000	90,000	89,500	28.3	28.5	2,548,000
Central	405,100	403,800	31.1	31.2	12,615,500	484,000	480,300	26.9	27.1	13,019,000
Barnes	59,900	58,900	33.2	33.8	1,990,500	210,000	209,000	30.1	30.2	6,313,000
Cass	14,700	13,700	33.8	36.2	496,500	310,000	308,000	33.7	33.9	10,451,000
Griggs	37,900	37,600	35.1	35.4	1,330,000	72,000	71,300	28.4	28.7	2,045,500
Steele	25,000	25,000	37.9	37.9	947,000	115,000	112,000	35.2	36.2	4,053,000
Traill	20,000	20,000	36.9	36.9	737,000	135,000	134,000	39.1	39.4	5,275,000
East Central	157,500	155,200	34.9	35.4	5,501,000	842,000	834,300	33.4	33.7	28,137,500
Adams	110,000	102,000	16.4	17.7	1,801,000	25,000	22,000	7.3	8.3	183,000
Billings	34,000	29,000	12.5	14.6	424,000	6,000	5,000	8.7	10.4	52,000
Bowman	65,000	57,000	12.6	14.4	820,000	12,000	9,000	5.9	7.9	71,000
Golden Valley	41,000	36,000	15.3	17.4	626,000	6,000	5,000	11.8	14.2	71,000
Hettinger	185,000	174,000	21.1	22.4	3,899,000	45,000	43,000	14.6	15.3	658,000
Slope	73,000	71,000	21.5	22.1	1,571,000	13,000	12,000	13.2	14.3	171,000
Stark	140,000	132,000	17.2	18.3	2,411,000	45,000	43,000	12.5	13.1	562,000
Southwest	648,000	601,000	17.8	19.2	11,552,000	152,000	139,000	11.6	12.7	1,768,000
Burleigh	107,000	104,000	24.6	25.3	2,629,500	77,300	75,300	19.2	19.7	1,486,000
Emmons	47,800	46,800	24.1	24.6	1,152,000	162,000	156,000	19.8	20.6	3,207,000
Grant	96,000	95,500	24.2	24.3	2,322,000	38,900	34,400	13.8	15.6	535,000
Morton	114,000	106,000	23.2	25.0	2,647,000	46,000	42,000	16.6	18.2	763,000
Sioux	27,000	26,500	17.6	17.9	475,000	13,000	12,500	11.5	12.0	150,000
South Central	391,800	378,800	23.5	24.4	9,225,500	337,200	320,200	18.2	19.2	6,141,000
Dickey	13,800	13,800	27.6	27.6	381,000	116,000	112,000	17.3	17.9	2,006,000
LaMoure	39,800	39,800	29.3	29.3	1,165,000	135,000	134,000	21.0	21.1	2,830,000
Logan	53,000	52,500	26.1	26.3	1,383,000	67,000	66,500	20.2	20.4	1,354,000
McIntosh	45,000	45,000	23.4	23.4	1,051,000	115,000	114,000	19.9	20.1	2,293,000
Ransom	16,000	15,500	33.0	34.1	528,000	108,000	107,500	26.8	27.0	2,899,000
Richland	10,000	10,000	31.9	31.9	319,000	210,000	209,000	35.0	35.2	7,356,000
Sargent	4,600	4,600	36.7	36.7	169,000	115,000	114,000	28.4	28.6	3,266,000
Southeast	182,200	181,200	27.4	27.6	4,996,000	866,000	857,000	25.4	25.7	22,004,000
STATE	3,266,900	3,179,100	26.4	27.1	86,225,500	3,922,400	3,860,200	28.2	28.7	110,686,500

1/ See page 42 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Hafv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	80,000	79,000	25.7	26.0	2,055,000
Divide	200,000	197,000	27.6	28.0	5,520,000
Mountrail	230,000	204,000	29.3	33.0	6,732,000
Renville	90,000	89,000	33.1	33.5	2,982,000
Ward	240,000	236,000	32.5	33.0	7,788,000
Williams	170,000	165,000	29.6	30.5	5,033,000
Northwest	1,010,000	970,000	29.8	31.0	30,110,000
Benson	200,000	196,000	32.4	33.0	6,475,000
Bottineau	220,000	217,000	33.6	34.0	7,384,000
McHenry	30,000	29,500	32.5	33.0	974,000
Pierce	90,000	88,500	32.5	33.0	2,921,000
Rolette	110,000	109,000	33.7	34.0	3,706,000
North Central	650,000	640,000	33.0	33.5	21,460,000
Cavalier	145,000	143,000	37.5	38.0	5,434,000
Grand Forks	15,000	14,600	37.9	39.0	569,000
Nelson	115,000	113,000	37.3	38.0	4,294,000
Pembina	5,000	4,900	42.6	43.5	213,000
Ramsey	220,000	214,000	32.1	33.0	7,062,000
Towner	250,000	242,000	33.9	35.0	8,474,000
Walsh	70,000	68,500	33.8	34.5	2,363,000
Northeast	820,000	800,000	34.6	35.5	28,409,000
Dunn	5,000	4,600	28.4	30.9	142,000
McKenzie	48,000	46,000	28.8	30.0	1,380,000
McLean	200,000	183,000	30.2	33.0	6,045,000
Mercer	15,000	14,500	32.9	34.0	493,000
Oliver	2,000	1,900	32.5	34.2	65,000
West Central	270,000	250,000	30.1	32.5	8,125,000
Eddy	30,000	29,500	35.4	36.0	1,062,000
Foster	33,000	32,500	34.0	34.5	1,121,000
Kidder	17,000	16,500	27.6	28.5	470,000
Sheridan	20,000	18,500	25.0	27.0	500,000
Stutsman	110,000	108,000	31.9	32.5	3,505,000
Wells	90,000	85,000	34.0	36.0	3,057,000
Central	300,000	290,000	32.4	33.5	9,715,000
Barnes	55,000	54,500	32.7	33.0	1,800,000
Cass	45,000	44,500	39.6	40.0	1,780,000
Griggs	21,000	20,500	38.1	39.0	800,000
Steele	15,000	14,700	36.3	37.0	544,000
Traill	14,000	13,800	39.4	40.0	552,000
East Central	150,000	148,000	36.5	37.0	5,476,000
Adams	19,000	18,000	18.9	20.0	360,000
Billings	1,000	900	23.0	25.6	23,000
Bowman	40,000	38,800	22.3	23.0	892,000
Golden Valley	30,000	29,000	27.1	28.0	812,000
Hettinger	30,000	29,500	27.5	28.0	826,000
Slope	20,000	19,500	29.3	30.0	585,000
Stark	10,000	9,300	20.0	21.5	200,000
Southwest	150,000	145,000	24.7	25.5	3,698,000
Burleigh	10,000	9,800	22.1	22.6	221,000
Emmons	4,000	3,900	17.0	17.4	68,000
Grant	10,000	9,800	25.5	26.0	255,000
Morton	3,000	2,900	27.3	28.3	82,000
Sioux	3,000	2,600	18.7	21.5	56,000
South Central	30,000	29,000	22.7	23.5	682,000
Dickey	33,000	32,600	23.7	24.0	781,000
LaMoure	60,000	59,500	27.7	28.0	1,664,000
Logan	17,000	16,900	31.3	31.5	532,000
McIntosh	19,000	18,500	21.9	22.5	416,000
Ransom	7,000	6,900	24.1	24.5	169,000
Richland	17,000	16,900	20.9	21.0	355,000
Sargent	27,000	26,700	19.7	20.0	533,000
Southeast	180,000	178,000	24.7	25.0	4,450,000
STATE	3,560,000	3,430,000	31.5	32.5	112,125,000

DURUM WHEAT, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



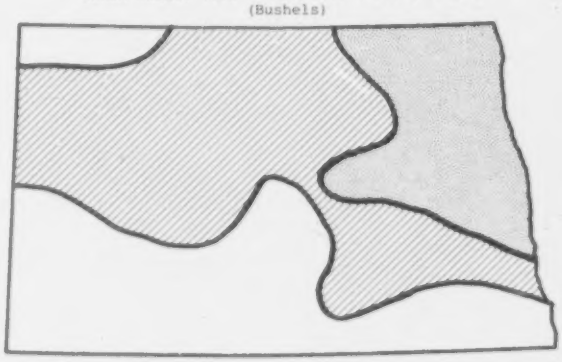
Under 600,000 bu.

600,000 - 1,999,999 bu.

2,000,000 - 4,999,999 bu.

5,000,000 bu. & over

DURUM WHEAT, 1982 - Yield per Harvested Acre
(Bushels)

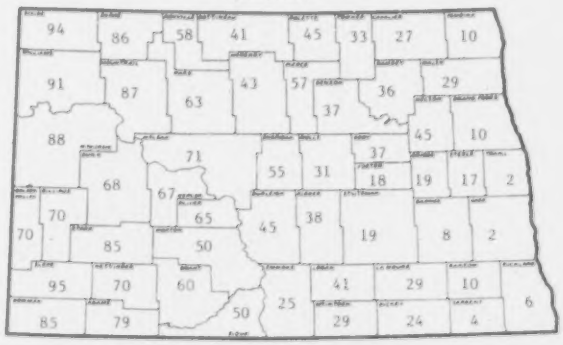


Under 30.0 bu.

30.0 - 34.9 bu.

35.0 bu. & over

DURUM WHEAT - 1982
Percent Planted on Summer Fallow
(Percent)



DURUM WHEAT, Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	110,000	109,000	22.8	23.0	2,507,000	87,000	84,200	22.8	23.4	1,944,200
Divide	220,000	219,000	27.9	28.0	6,132,000	193,000	188,300	25.8	26.4	4,966,400
Mountrail	260,000	257,000	26.7	27.0	6,939,000	223,300	216,900	24.4	24.9	5,425,200
Renville	110,000	109,000	29.3	29.5	3,218,000	90,500	87,900	25.3	25.8	2,279,600
Ward	310,000	309,000	29.4	29.5	9,116,000	256,100	248,300	25.5	26.1	6,514,000
Williams	180,000	177,000	28.5	29.0	5,133,000	135,100	131,800	24.7	25.2	3,309,200
Northwest	1,190,000	1,180,000	27.8	28.0	33,045,000	984,900	957,400	25.0	25.5	24,438,700
Benson	240,000	237,000	31.1	31.5	7,466,000	203,900	193,800	25.4	26.5	5,193,000
Bottineau	280,000	277,000	27.2	27.5	7,629,000	229,000	219,300	23.8	24.8	5,389,600
McHenry	75,000	74,000	32.6	33.0	2,442,000	67,800	64,300	23.9	24.9	1,639,000
Pierce	105,000	104,000	28.7	29.0	3,016,000	92,100	85,900	21.5	22.8	2,012,900
Rolette	140,000	138,000	31.1	31.5	4,347,000	114,900	110,700	26.9	27.6	3,071,500
North Central	840,000	830,000	29.6	30.0	24,900,000	707,700	674,000	24.4	25.4	17,305,900
Cavalier	230,000	229,000	30.9	31.0	7,109,000	169,600	163,700	30.2	31.1	5,051,700
Grand Forks	25,000	25,000	42.0	42.0	1,051,000	17,700	17,200	28.7	29.2	498,000
Nelson	143,000	142,000	33.8	34.0	4,835,000	137,600	133,700	26.3	26.8	3,567,600
Pembina	17,000	16,000	33.9	36.0	576,000	11,200	9,800	31.6	34.2	329,200
Ramsey	240,000	238,000	30.8	31.0	7,388,000	206,600	196,800	27.5	28.7	5,634,600
Towner	270,000	266,000	29.6	30.0	7,992,000	226,600	214,800	26.0	27.2	5,829,700
Walsh	105,000	104,000	30.8	31.0	3,229,000	78,900	73,600	28.0	29.0	2,076,200
Northeast	1,030,000	1,020,000	31.2	31.5	32,180,000	848,100	809,700	27.5	28.5	22,987,100
Dunn	7,000	6,300	24.7	27.5	173,000	2,900	2,500	22.5	24.1	64,000
McKenzie	55,000	53,500	21.9	22.5	1,204,000	50,300	45,300	19.8	21.4	973,700
McLean	280,000	273,000	25.8	26.5	7,229,000	214,200	207,000	25.0	25.7	5,251,400
Mercer	12,000	11,800	29.0	29.5	348,000	6,000	5,500	22.6	23.7	133,300
Oliver	6,000	5,400	24.3	27.0	146,000	1,900	1,700	16.8	19.6	42,000
West Central	360,000	350,000	25.3	26.0	9,100,000	275,400	262,100	24.0	25.0	6,464,300
Eddy	39,000	37,500	26.4	27.5	1,031,000	32,400	30,500	23.5	25.1	771,200
Foster	46,000	44,500	31.9	33.0	1,469,000	28,600	26,500	24.5	26.5	725,800
Kidder	40,000	38,500	25.0	26.0	1,001,000	29,100	25,500	17.6	19.1	516,100
Sheridan	30,000	29,500	23.6	24.0	708,000	21,700	19,500	19.6	21.7	442,900
Stutsman	125,000	122,000	32.7	33.5	4,087,000	123,900	115,500	25.3	26.7	3,123,700
Wells	120,000	118,000	30.0	30.5	3,599,000	101,000	89,100	23.7	26.4	2,450,200
Central	400,000	390,000	29.7	30.5	11,895,000	336,700	306,700	23.6	25.6	8,029,900
Barnes	71,000	70,000	31.5	32.0	2,240,000	45,400	44,200	26.8	27.4	1,189,700
Cass	76,000	75,000	36.5	37.0	2,773,000	47,500	46,300	32.8	33.4	1,488,600
Griggs	35,000	34,000	31.6	32.5	1,105,000	18,900	18,200	25.7	26.5	492,100
Steele	22,000	21,000	33.9	35.5	745,000	12,600	12,100	28.9	29.6	362,600
Traill	26,000	25,000	38.9	40.5	1,012,000	12,600	12,200	34.4	35.3	433,500
East Central	230,000	225,000	34.2	35.0	7,875,000	137,000	133,100	29.3	30.0	3,966,600
Adams	31,000	26,000	15.9	19.0	494,000	26,900	23,300	16.8	18.5	426,400
Billings	3,000	2,500	13.3	16.0	40,000	1,500	1,200	18.5	20.6	21,500
Bowman	49,000	44,000	14.8	16.5	726,000	29,900	26,300	16.3	17.3	433,800
Golden Valley	52,000	48,000	17.5	19.0	910,000	34,600	29,500	21.5	23.2	673,300
Hettinger	41,000	40,000	19.5	20.0	800,000	24,100	22,200	22.9	23.6	489,900
Slope	29,000	28,000	25.1	26.0	728,000	14,900	13,800	21.2	22.6	336,600
Stark	25,000	21,500	15.9	18.5	397,000	10,800	8,900	18.2	21.9	174,900
Southwest	230,000	210,000	17.8	19.5	4,095,000	142,700	125,100	19.6	21.0	2,556,500
Burleigh	24,000	23,000	20.1	21.0	483,000	17,400	13,900	13.8	16.3	243,300
Emmons	28,000	27,000	24.1	25.0	676,000	18,100	15,600	16.8	18.2	311,100
Grant	16,000	15,000	23.0	24.5	368,000	9,100	7,700	16.4	20.1	161,100
Morton	7,000	6,500	18.1	19.5	127,000	5,800	4,200	13.2	17.1	74,500
Sioux	15,000	13,500	14.4	16.0	216,000	6,800	5,800	12.4	14.7	85,500
South Central	90,000	85,000	20.8	22.0	1,870,000	57,200	47,200	15.1	17.3	875,500
Dickey	43,000	40,500	21.7	23.0	931,000	24,900	24,100	21.7	22.1	522,700
LaMoure	72,000	69,000	23.0	24.0	1,656,000	55,600	52,700	23.1	24.2	1,257,400
Logan	25,000	24,000	25.0	26.0	624,000	15,000	13,400	21.9	23.2	303,700
McIntosh	20,000	19,000	22.8	24.0	456,000	14,200	13,100	19.6	20.5	264,100
Ransom	11,000	10,500	21.9	23.0	241,000	7,400	7,100	23.5	25.2	163,000
Richland	29,000	28,000	34.3	35.5	994,000	15,400	14,900	28.4	29.7	466,000
Sargent	30,000	29,000	30.9	32.0	928,000	23,800	23,400	25.5	26.0	601,600
Southeast	230,000	220,000	25.3	26.5	5,830,000	156,300	148,800	23.3	24.3	3,578,500
STATE	4,600,000	4,510,000	28.4	29.0	130,790,000	3,646,000	3,464,000	24.9	26.0	90,203,000

1/ Totals may not add due to rounding.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	68,500	67,700	26.5	26.8	1,815,000	11,500	11,300	20.9	21.2	240,000
Divide	188,000	185,500	27.8	28.2	5,233,000	11,200	10,700	21.0	22.0	235,000
Mountrail	199,000	177,000	29.6	33.2	5,883,000	31,000	27,000	27.4	31.4	849,000
Renville	52,000	51,500	34.2	34.5	1,776,000	38,000	37,500	31.7	32.2	1,206,000
Ward	150,000	147,000	33.8	34.5	5,077,000	90,000	89,000	30.1	30.5	2,711,000
Williams	155,000	150,500	30.0	30.9	4,656,000	13,500	13,000	22.4	23.2	302,000
Northwest	812,500	779,200	30.1	31.4	24,440,000	195,200	188,500	28.4	29.4	5,543,000
Benson	74,900	73,400	33.5	34.1	2,505,500	125,000	122,500	31.7	32.4	3,965,000
Bottineau	91,000	90,000	35.4	35.8	3,220,000	129,000	127,000	32.3	32.8	4,164,000
McHenry	13,000	12,800	34.9	35.5	454,000	17,000	16,700	30.6	31.1	520,000
Pierce	51,000	50,200	34.2	34.7	1,743,000	39,000	38,300	30.2	30.8	1,178,000
Rolette	50,000	49,500	34.4	34.8	1,721,000	60,000	59,500	33.1	33.4	1,985,000
North Central	279,900	275,900	34.5	35.0	9,643,500	370,000	364,000	31.9	32.5	11,812,000
Cavalier	39,000	38,500	38.6	39.1	1,505,000	106,000	104,500	37.1	37.6	3,929,000
Grand Forks	1,500	1,400	37.3	40.0	56,000	13,500	13,200	38.0	38.9	513,000
Nelson	52,000	51,000	38.5	39.3	2,002,000	63,000	62,000	36.4	37.0	2,292,000
Pembina	500	500	46.0	46.0	23,000	4,500	4,400	42.2	43.2	190,000
Ramsey	80,000	78,000	32.6	33.4	2,604,000	140,000	136,000	31.8	32.8	4,458,000
Towner	82,000	80,000	35.2	36.0	2,883,000	168,000	162,000	33.3	34.5	5,591,000
Walsh	20,000	19,500	31.0	31.8	620,000	50,000	49,000	34.9	35.6	1,743,000
Northeast	275,000	268,900	35.2	36.0	9,693,000	545,000	531,100	34.3	35.2	18,716,000
Dunn	3,400	3,100	31.2	34.2	106,000	1,600	1,500	22.5	24.0	36,000
McKenzie	42,400	40,700	29.5	30.7	1,249,000	5,000	4,700	19.0	20.2	95,000
McLean	141,000	135,000	31.6	33.0	4,457,200	58,400	47,400	26.6	32.8	1,556,000
Mercer	10,000	9,700	34.0	35.1	340,000	5,000	4,800	30.6	31.9	153,000
Oliver	1,300	1,300	36.2	36.2	47,000	700	600	25.7	30.0	18,000
West Central	198,100	189,800	31.3	32.7	6,199,200	70,700	59,000	26.3	31.5	1,858,000
Eddy	11,000	10,900	37.1	37.4	408,000	19,000	18,600	34.4	35.2	654,000
Foster	5,800	5,800	39.1	39.1	227,000	27,000	26,500	32.7	33.4	884,000
Kidder	6,500	6,300	29.7	30.6	193,000	10,100	9,800	25.6	26.4	259,000
Sheridan	11,000	10,000	26.3	28.9	289,000	9,000	8,500	23.4	24.8	211,000
Stutsman	20,900	20,300	35.3	36.3	737,000	89,000	87,600	31.0	31.5	2,763,000
Wells	27,500	25,000	31.9	35.0	876,000	62,500	60,000	34.9	36.4	2,181,000
Central	82,700	78,300	33.0	34.9	2,730,000	216,600	211,000	32.1	32.9	6,952,000
Barnes	4,500	4,400	32.9	33.6	148,000	50,000	49,600	32.6	32.9	1,629,500
Cass	700	700	38.6	38.6	27,000	43,700	43,200	39.3	39.8	1,718,800
Griggs	4,000	3,900	43.8	44.9	175,000	16,500	16,100	36.4	37.3	601,000
Steele	2,500	2,400	34.0	35.4	85,000	12,500	12,300	36.7	37.3	459,000
Traill	300	300	41.7	41.7	12,500	13,600	13,400	39.3	39.9	534,000
East Central	12,000	11,700	37.3	38.2	447,500	136,300	134,600	36.3	36.7	4,942,300
Adams	15,000	14,500	19.5	20.1	292,000	4,000	3,500	17.0	19.4	68,000
Billings	700	600	23.3	27.2	16,300	300	300	22.3	22.3	6,700
Bowman	34,000	33,500	23.0	23.3	782,000	6,000	5,300	18.3	20.8	110,000
Golden Valley	21,000	20,500	30.0	30.7	629,000	9,000	8,500	20.3	21.5	183,000
Hettinger	21,000	20,500	30.5	31.3	641,000	9,000	9,000	20.6	20.6	185,000
Slope	19,000	18,500	29.7	30.5	564,000	1,000	1,000	21.0	21.0	21,000
Stark	8,500	7,900	20.8	22.4	177,000	1,500	1,400	15.3	16.4	23,000
Southwest	119,200	116,000	26.0	26.7	3,101,300	30,800	29,000	19.4	20.6	596,700
Burleigh	4,500	4,400	24.2	24.8	109,000	5,500	5,400	20.4	20.7	112,000
Emmons	1,000	1,000	18.0	18.0	18,000	3,000	2,900	16.7	17.2	50,000
Grant	6,000	5,900	26.8	27.3	161,000	4,000	3,900	23.5	24.1	94,000
Morton	1,500	1,500	29.3	29.3	44,000	1,500	1,400	25.3	27.1	38,000
Sioux	1,500	1,400	22.7	24.3	34,000	1,500	1,200	14.7	18.3	22,000
South Central	14,500	14,200	25.2	25.8	366,000	15,500	14,800	20.4	21.4	316,000
Dickey	8,000	7,900	32.4	32.8	259,000	25,000	24,700	20.9	21.1	522,000
LaMoure	17,400	17,300	31.4	31.6	547,000	42,000	41,600	25.9	26.2	1,089,400
Logan	7,000	7,000	39.6	39.6	277,000	10,000	9,900	25.5	25.8	255,000
McIntosh	5,500	5,300	26.4	27.4	145,000	13,500	13,200	20.1	20.5	271,000
Ransom	700	700	30.4	30.4	21,300	6,100	6,000	22.8	23.2	139,300
Richland	1,000	1,000	25.0	25.0	25,000	16,000	15,900	20.6	20.8	330,000
Sargent	1,100	1,100	24.4	24.4	26,800	25,700	25,400	19.3	19.5	495,800
Southeast	40,700	40,300	32.0	32.3	1,301,100	138,300	136,700	22.4	22.7	3,102,500
STATE	1,834,600	1,774,300	31.6	32.6	57,921,600	1,718,400	1,668,700	31.3	32.3	53,838,500

1/ See page 42 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	91,000	90,000	23.0	23.2	2,092,000	19,000	19,000	21.8	21.8	415,000
Divide	214,000	213,000	27.9	28.0	5,971,000	5,200	5,200	21.7	21.7	113,000
Mountrail	225,000	223,000	26.8	27.0	6,030,000	35,000	34,000	26.0	26.7	909,000
Renville	76,000	75,500	30.0	30.2	2,280,000	34,000	33,500	27.6	28.0	938,000
Ward	207,000	207,000	30.1	30.1	6,235,000	102,800	101,800	27.9	28.2	2,871,000
Williams	167,000	164,000	28.3	28.8	4,720,000	9,800	9,800	25.8	25.8	253,000
Northwest	980,000	972,500	27.9	28.1	27,328,000	205,800	203,300	26.7	27.0	5,499,000
Benson	120,000	119,000	30.0	30.2	3,595,000	119,800	117,800	32.2	32.8	3,863,000
Bottineau	198,000	196,000	28.6	28.9	5,665,000	82,000	81,000	24.0	24.2	1,964,000
McHenry	44,000	43,500	32.8	33.1	1,441,000	30,900	30,400	32.3	32.8	997,000
Pierce	77,000	76,500	30.2	30.4	2,328,000	27,900	27,400	24.5	25.0	684,000
Rolette	80,000	79,000	31.2	31.6	2,499,000	60,000	59,000	30.8	31.3	1,848,000
North Central	519,000	514,000	29.9	30.2	15,528,000	320,600	315,600	29.2	29.6	9,356,000
Cavalier	95,000	95,000	31.2	31.2	2,961,000	135,000	134,000	30.7	31.0	4,148,000
Grand Forks	5,000	5,000	42.2	42.2	211,000	20,000	20,000	42.0	42.0	840,000
Nelson	68,000	67,500	34.4	34.6	2,337,000	74,800	74,300	33.3	33.5	2,490,000
Pembina	1,000	1,000	37.0	37.0	37,000	16,000	15,000	33.7	35.9	539,000
Ramsey	115,000	114,000	30.6	30.8	3,515,000	125,000	124,000	31.0	31.2	3,873,000
Towner	145,000	142,000	29.9	30.6	4,340,000	125,000	124,000	29.2	29.5	3,652,000
Walsh	51,000	50,500	29.4	29.7	1,499,000	54,000	53,500	32.0	32.3	1,730,000
Northeast	480,000	475,000	31.0	31.4	14,900,000	549,800	544,800	31.4	31.7	17,272,000
Dunn	5,000	4,800	26.8	27.9	134,000	2,000	1,500	19.5	26.0	39,000
McKenzie	53,000	51,500	21.5	22.1	1,138,000	1,300	1,300	21.2	21.2	27,500
McLean	200,000	195,000	26.4	27.1	5,286,000	78,600	76,600	23.9	24.5	1,880,000
Mercer	7,500	7,400	29.7	30.1	223,000	4,400	4,300	27.5	28.1	121,000
Oliver	4,500	4,200	25.8	27.6	116,000	1,500	1,200	20.0	25.0	30,000
West Central	270,000	262,900	25.5	26.2	6,897,000	87,800	84,900	23.9	24.7	2,097,500
Eddy	15,000	14,200	29.8	31.5	447,000	24,000	23,300	24.3	25.1	584,000
Foster	12,100	11,800	32.3	33.1	391,000	33,500	32,300	31.8	32.9	1,064,000
Kidder	21,500	20,600	27.3	28.5	586,500	18,200	17,600	22.2	23.0	404,000
Sheridan	23,000	22,600	24.8	25.2	570,000	7,000	6,900	19.7	20.0	138,000
Stutsman	38,800	37,800	35.4	36.3	1,374,000	86,000	84,000	31.5	32.2	2,706,000
Wells	54,000	53,000	32.4	33.0	1,750,000	66,000	65,000	28.0	28.4	1,849,000
Central	164,400	160,000	31.1	32.0	5,118,500	234,700	229,100	28.7	29.4	6,745,000
Barnes	6,000	6,000	31.7	31.7	190,000	65,000	64,000	31.5	32.0	2,050,000
Cass	2,000	2,000	42.0	42.0	84,000	73,000	72,000	36.2	36.7	2,639,000
Griggs	11,600	11,300	35.3	36.3	410,000	23,000	22,300	29.5	30.4	679,000
Steele	7,300	7,000	33.4	34.9	244,000	14,500	13,800	33.9	35.6	491,000
Traill	1,000	1,000	41.0	41.0	41,000	25,000	24,000	38.8	40.5	971,000
East Central	27,900	27,300	34.7	35.5	969,000	200,500	196,100	34.1	34.8	6,830,000
Adams	27,000	23,000	16.4	19.3	443,000	4,000	3,000	12.8	17.0	51,000
Billings	2,500	2,100	14.4	17.1	36,000	500	400	8.0	10.0	4,000
Bowman	43,000	40,000	15.7	16.9	676,000	6,000	4,000	8.3	12.5	50,000
Golden Valley	43,000	40,000	17.7	19.1	763,000	9,000	8,000	16.3	18.4	147,000
Hettinger	36,000	35,500	20.4	20.6	733,000	5,000	4,500	13.4	14.9	67,000
Slope	28,000	27,000	25.1	26.0	703,000	1,000	1,000	25.0	25.0	25,000
Stark	23,000	20,500	16.8	18.8	386,000	2,000	1,000	5.5	11.0	11,000
Southwest	202,500	188,100	18.5	19.9	3,740,000	27,500	21,900	12.9	16.2	355,000
Burleigh	14,000	13,500	25.0	25.9	350,000	10,000	9,500	13.3	14.0	133,000
Emmons	10,000	9,500	30.3	31.9	303,000	18,000	17,500	20.7	21.3	373,000
Grant	10,500	10,000	24.9	26.1	261,000	5,500	5,000	19.5	21.4	107,000
Morton	4,000	3,700	20.0	21.6	80,000	3,000	2,800	15.7	16.8	47,000
Sioux	10,000	9,500	15.9	16.7	159,000	5,000	4,000	11.4	14.3	57,000
South Central	48,500	46,200	23.8	25.0	1,153,000	41,500	38,800	17.3	18.5	717,000
Dickey	5,600	5,300	28.6	30.2	160,000	37,000	34,800	20.4	21.6	753,000
LaMoure	24,600	24,000	28.5	29.3	702,000	47,000	44,600	20.0	21.1	940,000
Logan	13,000	12,500	28.6	29.8	372,000	12,000	11,500	21.0	21.9	252,000
McIntosh	8,000	7,500	26.5	28.3	212,000	12,000	11,500	20.3	21.2	244,000
Ransom	1,400	1,400	34.3	34.3	48,000	9,500	9,000	19.9	21.0	189,000
Richland	2,000	2,000	36.0	36.0	72,000	27,000	26,000	34.1	35.5	922,000
Sargent	3,000	3,000	38.7	38.7	116,000	27,000	26,000	30.1	31.2	812,000
Southeast	57,600	55,700	29.2	30.2	1,682,000	171,500	163,400	24.0	25.2	4,112,000
STATE	2,749,900	2,701,700	28.1	28.6	77,315,500	1,839,700	1,797,900	28.8	29.5	52,983,500

1/ See page 47 for irrigated acres.

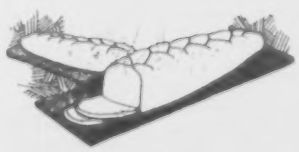
WINTER WHEAT: Acreage, Yield and Production by Counties, North Dakota, 1981 (Revised) and 1982 (Preliminary)

District and County	1981					1982				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	500	400	15.2	19.0	7,600	1,000	900	31.5	35.0	31,500
Divide	1,000	800	15.2	19.0	15,200	2,000	1,800	22.5	25.0	45,000
Mountrail	3,000	2,500	17.5	21.0	52,500	2,000	1,800	27.0	30.0	54,000
Renville	2,000	1,700	17.5	20.5	34,900	1,500	1,000	23.3	35.0	35,000
Ward	1,500	1,100	16.9	23.0	25,300	500	500	35.0	35.0	17,500
Williams	5,000	4,500	18.0	20.0	90,000	4,000	3,000	24.0	32.0	96,000
Northwest	13,000	11,000	17.3	20.5	225,500	11,000	9,000	25.4	31.0	279,000
Benson	700	600	20.6	24.0	14,400	3,000	3,000	31.0	31.0	93,000
Bottineau	1,000	800	16.8	21.0	16,800	3,000	3,000	38.0	38.0	114,000
McHenry	1,000	800	19.2	24.0	19,200	1,500	1,000	24.0	36.0	36,000
Pierce	1,500	1,300	22.1	25.5	33,100	2,500	2,000	20.8	26.0	52,000
Rolette	800	500	13.1	21.0	10,500	1,000	1,000	25.0	25.0	25,000
North Central	5,000	4,000	18.8	23.5	94,000	11,000	10,000	29.1	32.0	320,000
Cavalier	1,000	900	33.3	37.0	33,300	7,000	6,800	37.4	38.5	261,800
Grand Forks	9,000	9,000	38.0	38.0	342,000	11,000	9,700	28.2	32.0	310,700
Nelson	1,000	1,000	25.0	25.0	25,000	3,000	3,000	40.0	40.0	120,000
Pembina	8,500	8,000	34.8	37.0	296,000	6,000	5,000	25.0	30.0	150,000
Ramsey	1,500	1,400	27.1	29.0	40,600	2,000	2,000	37.0	37.0	74,000
Towner	1,000	700	23.1	33.0	23,100	2,000	2,000	43.0	43.0	86,000
Walsh	2,000	2,000	34.0	34.0	68,000	6,000	5,500	28.4	31.0	170,500
Northeast	24,000	23,000	34.5	36.0	828,000	37,000	34,000	31.7	34.5	1,173,000
Dunn	1,000	500	10.0	20.0	10,000	500	400	25.2	31.5	12,600
McKenzie	18,000	16,000	17.8	20.0	320,000	11,000	9,600	29.7	34.0	326,400
McLean	3,000	2,500	16.7	20.0	50,000	4,500	4,000	32.0	36.0	144,000
Mercer	---	---	--	--	---	---	---	--	--	---
Oliver	---	---	--	--	---	---	---	--	--	---
West Central	22,000	19,000	17.3	20.0	380,000	16,000	14,000	30.2	34.5	483,000
Eddy	500	500	22.0	22.0	11,000	2,000	1,900	28.5	30.0	57,000
Foster	500	500	22.0	22.0	11,000	500	500	28.0	28.0	14,000
Kidder	1,000	900	18.0	20.0	18,000	500	400	23.2	29.0	11,600
Sheridan	500	400	16.0	20.0	8,000	500	400	28.4	35.5	14,200
Stutsman	1,500	1,300	17.3	20.0	26,000	1,500	1,400	37.3	40.0	56,000
Wells	500	400	16.0	20.0	8,000	1,000	900	36.9	41.0	36,900
Central	4,500	4,000	18.2	20.5	82,000	6,000	5,500	31.6	34.5	189,700
Barnes	2,000	1,900	28.5	30.0	57,000	2,000	1,700	29.8	35.0	59,500
Cass	3,000	2,900	32.8	34.0	98,500	9,000	8,900	41.5	42.0	373,800
Griggs	4,000	3,900	30.2	31.0	120,900	2,000	1,900	31.4	33.0	62,700
Steele	5,500	5,400	37.8	38.5	208,000	7,000	6,600	41.0	43.5	287,100
Traill	4,500	4,400	38.1	39.0	171,600	8,000	7,900	40.5	41.0	323,900
East Central	19,000	18,500	34.5	35.5	656,000	28,000	27,000	39.5	41.0	1,107,000
Adams	2,500	1,500	12.6	21.0	31,500	2,500	1,000	9.6	24.0	24,000
Billings	1,000	800	14.4	18.0	14,400	500	200	10.4	26.0	5,200
Bowman	16,000	13,000	17.1	21.0	273,000	13,000	5,000	9.2	24.0	120,200
Golden Valley	10,500	9,700	26.8	29.0	281,300	9,000	5,000	16.1	29.0	145,200
Hettinger	4,000	3,800	25.7	27.0	102,600	4,000	1,800	11.7	26.0	46,800
Slope	6,000	5,700	24.7	26.0	148,200	5,000	3,000	16.2	27.0	81,000
Stark	7,000	6,500	25.1	27.0	175,500	7,000	3,000	11.6	27.0	81,100
Southwest	47,000	41,000	21.8	25.0	1,026,500	41,000	19,000	12.3	26.5	503,500
Burleigh	500	400	20.8	26.0	10,400	1,000	500	12.5	25.0	12,500
Emmons	1,500	1,400	24.3	26.0	36,400	1,500	1,200	16.0	20.0	24,000
Grant	800	700	21.0	24.0	16,800	3,000	1,400	14.5	31.0	43,400
Morton	400	300	18.0	24.0	7,200	1,000	600	15.0	25.0	15,000
Sioux	300	200	14.0	21.0	4,200	500	300	13.8	23.0	6,900
South Central	3,500	3,000	21.4	25.0	75,000	7,000	4,000	14.5	25.5	101,800
Dickey	500	400	15.6	19.5	7,800	4,000	3,900	35.1	36.0	140,400
LaMoure	1,000	1,000	20.0	20.0	20,000	2,500	2,500	40.0	40.0	100,000
Logan	500	500	20.0	20.0	10,000	2,000	1,900	28.5	30.0	57,000
McIntosh	500	500	20.0	20.0	10,000	1,000	1,000	32.0	32.0	32,000
Ransom	1,000	900	20.7	23.0	20,700	1,500	1,400	30.8	33.0	46,200
Richland	500	500	25.0	25.0	12,500	1,000	1,000	30.0	30.0	30,000
Sargent	3,000	2,700	20.7	23.0	62,000	6,000	5,800	32.9	34.0	197,400
Southeast	7,000	6,500	20.4	22.0	143,000	18,000	17,500	33.5	34.5	603,000
STATE	145,000	130,000	24.2	27.0	3,510,000	175,000	140,000	27.2	34.0	4,760,000
	North Dakota Totals by Special Cropping Practices									
Summer Fallow	97,000	87,400	23.0	25.5	2,232,700	79,000	55,900	23.7	33.4	1,869,300
Cont. Cropping	48,000	42,600	26.6	30.0	1,277,300	96,000	84,100	30.1	34.4	2,890,700
Irrigated	---------- NONE ----------					---------- NONE ----------				

IRRIGATION

DURUM WHEAT AND SPRING WHEAT OTHER THAN DURUM:
Acreage, Yield and Production for Irrigation by Counties, North Dakota, 1981 (Revised) and 1982 (Preliminary)

County	1981 Irrigated					1982 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					DURUM WHEAT					
Divide	800	800	60.0	60.0	48,000	800	800	65.0	65.0	52,000
Ward	200	200	50.0	50.0	10,000	---	---	---	---	---
Williams	3,200	3,200	50.0	50.0	160,000	1,500	1,500	50.0	50.0	75,000
Benson	200	200	40.0	40.0	8,000	100	100	45.0	45.0	4,500
McHenry	100	100	40.0	40.0	4,000	---	---	---	---	---
Pierce	100	100	40.0	40.0	4,000	---	---	---	---	---
Nelson	200	200	40.0	40.0	8,000	---	---	---	---	---
McKenzie	700	700	55.0	55.0	38,500	600	600	60.0	60.0	36,000
McLean	1,400	1,400	45.0	45.0	63,000	600	600	53.0	53.0	31,800
Mercer	100	100	40.0	40.0	4,000	---	---	---	---	---
Foster	400	400	35.0	35.0	14,000	200	200	50.0	50.0	10,000
Kidder	300	300	35.0	35.0	10,500	400	400	45.0	45.0	18,000
Stutsman	200	200	35.0	35.0	7,000	100	100	50.0	50.0	5,000
Barnes	---	---	---	---	---	500	500	45.0	45.0	22,500
Cass	1,000	1,000	50.0	50.0	50,000	600	600	57.0	57.0	34,200
Griggs	400	400	40.0	40.0	16,000	500	500	48.0	48.0	24,000
Steele	200	200	50.0	50.0	10,000	---	---	---	---	---
Traill	---	---	---	---	---	100	100	55.0	55.0	5,500
Dickey	400	400	45.0	45.0	18,000	---	---	---	---	---
LaMoure	400	400	35.0	35.0	14,000	600	600	46.0	46.0	27,600
Ransom	100	100	40.0	40.0	4,000	200	200	42.0	42.0	8,400
Sargent	---	---	---	---	---	200	200	52.0	52.0	10,400
STATE	10,400	10,400	47.2	47.2	491,000	7,000	7,000	52.1	52.1	364,900
					SPRING WHEAT OTHER THAN DURUM					
Divide	1,200	1,200	50.0	50.0	60,000	500	500	53.0	53.0	26,500
Ward	200	200	40.0	40.0	8,000	100	100	42.0	42.0	4,200
Williams	300	300	40.0	40.0	12,000	1,300	1,300	50.0	50.0	65,000
Benson	300	300	35.0	35.0	10,500	500	500	45.0	45.0	22,500
McHenry	100	100	40.0	40.0	4,000	---	---	---	---	---
Grand Forks	200	200	50.0	50.0	10,000	500	500	55.0	55.0	27,500
Dunn	100	100	40.0	40.0	4,000	---	---	---	---	---
McKenzie	3,600	3,600	55.0	55.0	198,000	4,000	4,000	59.0	59.0	236,000
McLean	200	200	45.0	45.0	9,000	1,000	1,000	52.0	52.0	52,000
Mercer	200	200	40.0	40.0	8,000	200	200	45.0	45.0	9,000
Oliver	100	100	40.0	40.0	4,000	---	---	---	---	---
Eddy	200	200	30.0	30.0	6,000	200	200	50.0	50.0	10,000
Foster	700	700	35.0	35.0	24,500	500	500	45.0	45.0	22,500
Kidder	---	---	---	---	---	100	100	40.0	40.0	4,000
Stutsman	---	---	---	---	---	100	100	50.0	50.0	5,000
Barnes	100	100	45.0	45.0	4,500	---	---	---	---	---
Cass	300	300	45.0	45.0	13,500	700	700	60.0	60.0	42,000
Griggs	100	100	35.0	35.0	3,500	300	300	40.0	40.0	12,000
Burleigh	700	700	35.0	35.0	24,500	500	500	35.0	35.0	17,500
Emmons	200	200	30.0	30.0	6,000	100	100	30.0	30.0	3,000
Grant	100	100	30.0	30.0	3,000	100	100	35.0	35.0	3,500
Dickey	200	200	35.0	35.0	7,000	300	300	47.0	47.0	14,100
LaMoure	200	200	35.0	35.0	7,000	400	400	50.0	50.0	20,000
Ransom	1,000	1,000	45.0	45.0	45,000	200	200	40.0	40.0	8,000
Sargent	400	400	40.0	40.0	16,000	---	---	---	---	---
STATE	10,700	10,700	45.6	45.6	488,000	11,600	11,600	52.1	52.1	604,300



IRRIGATION CONT.

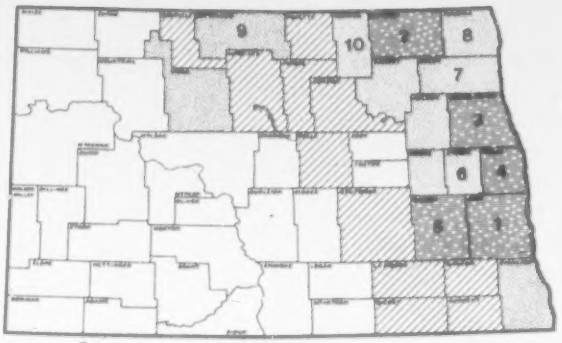
ALL WHEAT AND BARLEY: Acreage, Yield and Production
for Irrigation by Counties, North Dakota, 1981 (Revised) and 1982 (Preliminary)

County	1981 Irrigated					1982 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					ALL WHEAT					
Divide	2,000	2,000	54.0	54.0	108,000	1,300	1,300	60.4	60.4	78,500
Ward	400	400	45.0	45.0	18,000	100	100	42.0	42.0	4,200
Williams	3,500	3,500	49.1	49.1	172,000	2,800	2,800	50.0	50.0	140,000
Benson	500	500	37.0	37.0	18,500	600	600	45.0	45.0	27,000
McHenry	200	200	40.0	40.0	8,000	---	---	---	---	---
Pierce	100	100	40.0	40.0	4,000	---	---	---	---	---
Grand Forks	200	200	50.0	50.0	10,000	500	500	55.0	55.0	27,500
Nelson	200	200	40.0	40.0	8,000	---	---	---	---	---
Dunn	100	100	40.0	40.0	4,000	---	---	---	---	---
McKenzie	4,300	4,300	55.0	55.0	236,500	4,600	4,600	59.1	59.1	272,000
McLean	1,600	1,600	45.0	45.0	72,000	1,600	1,600	52.4	52.4	83,800
Mercer	300	300	40.0	40.0	12,000	200	200	45.0	45.0	9,000
Oliver	100	100	40.0	40.0	4,000	---	---	---	---	---
Eddy	200	200	30.0	30.0	6,000	200	200	50.0	50.0	10,000
Foster	1,100	1,100	35.0	35.0	38,500	700	700	46.4	46.4	32,500
Kidder	300	300	35.0	35.0	10,500	500	500	44.0	44.0	22,000
Stutsman	200	200	35.0	35.0	7,000	200	200	50.0	50.0	10,000
Barnes	100	100	45.0	45.0	4,500	500	500	45.0	45.0	22,500
Cass	1,300	1,300	48.8	48.8	63,500	1,300	1,300	58.6	58.6	76,200
Griggs	500	500	39.0	39.0	19,500	800	800	45.0	45.0	36,000
Steele	200	200	50.0	50.0	10,000	---	---	---	---	---
Traill	---	---	---	---	---	100	100	55.0	55.0	5,500
Burleigh	700	700	35.0	35.0	24,500	500	500	35.0	35.0	17,500
Emmons	200	200	30.0	30.0	6,000	100	100	30.0	30.0	3,000
Grant	100	100	30.0	30.0	3,000	100	100	35.0	35.0	3,500
Dickey	600	600	41.7	41.7	25,000	300	300	47.0	47.0	14,100
LaMoure	600	600	35.0	35.0	21,000	1,000	1,000	47.6	47.6	47,600
Ransom	1,100	1,100	44.5	44.5	49,000	400	400	41.0	41.0	16,400
Sargent	400	400	40.0	40.0	16,000	200	200	52.0	52.0	10,400
STATE	21,100	21,100	46.4	46.4	979,000	18,600	18,600	52.1	52.1	969,200
					BARLEY					
Ward	100	100	45.0	45.0	4,500	100	100	55.0	55.0	5,500
Williams	100	100	40.0	40.0	4,000	100	100	73.0	73.0	7,300
Benson	100	100	50.0	50.0	5,000	100	100	70.0	70.0	7,000
Rolette	100	100	60.0	60.0	6,000	---	---	---	---	---
McKenzie	400	400	76.0	76.0	30,400	400	400	74.0	74.0	29,600
McLean	400	400	75.0	75.0	30,000	200	200	85.0	85.0	17,000
Oliver	100	100	65.0	65.0	6,500	100	100	70.0	70.0	7,000
Eddy	300	300	75.0	75.0	22,500	400	400	77.0	77.0	30,800
Kidder	100	100	70.0	70.0	7,000	400	400	67.0	67.0	26,800
Wells	400	400	73.8	73.8	29,500	---	---	---	---	---
Barnes	100	100	80.0	80.0	8,000	---	---	---	---	---
Griggs	---	---	---	---	---	300	300	80.0	80.0	24,000
Golden Valley	---	---	---	---	---	100	100	75.0	75.0	7,500
Burleigh	100	100	75.0	75.0	7,500	200	200	65.0	65.0	13,000
Emmons	200	200	60.0	60.0	12,000	---	---	---	---	---
Grant	100	100	50.0	50.0	5,000	100	100	40.0	40.0	4,000
Morton	200	200	60.0	60.0	12,000	100	100	40.0	40.0	4,000
Dickey	900	900	89.0	89.0	80,100	500	500	80.0	80.0	40,000
Ransom	200	200	88.0	88.0	17,600	200	200	80.0	80.0	16,000
Sargent	200	200	85.0	85.0	17,000	200	200	94.0	94.0	18,800
STATE	4,100	4,100	74.3	74.3	304,600	3,500	3,500	73.8	73.8	258,300

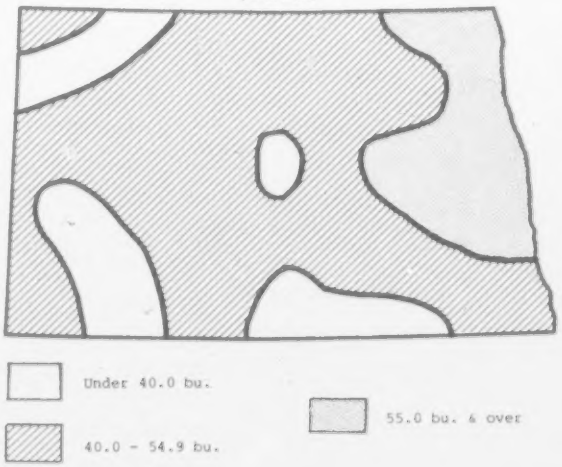
BARLEY: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	20,000	19,700	33.5	34.0	670,000
Divide	19,000	18,900	41.3	41.5	784,000
Mountrail	16,000	15,100	46.3	49.0	740,000
Renville	38,000	37,800	43.2	43.5	1,643,000
Ward	48,000	47,500	51.9	52.5	2,492,000
Williams	19,000	18,000	34.6	36.5	657,000
Northwest	160,000	157,000	43.7	44.5	6,986,000
Benson	43,000	41,500	44.4	46.0	1,909,000
Bottineau	82,000	81,500	45.8	46.0	3,752,000
McHenry	29,000	28,600	49.3	50.0	1,430,000
Pierce	32,000	31,700	52.5	53.0	1,680,000
Rolette	34,000	33,700	48.6	49.0	1,651,000
North Central	220,000	217,000	47.4	48.0	10,422,000
Cavalier	175,000	173,000	56.3	57.0	9,855,000
Grand Forks	160,000	159,000	59.6	60.0	9,534,000
Nelson	44,000	43,500	50.9	51.5	2,240,000
Pembina	70,000	68,500	60.7	62.0	4,247,000
Ramsey	61,000	58,000	46.1	48.5	2,813,000
Towner	80,000	76,000	45.6	48.0	3,648,000
Walsh	90,000	86,000	50.2	52.5	4,515,000
Northeast	680,000	664,000	54.2	55.5	36,852,000
Dunn	10,000	9,900	45.5	46.0	455,000
McKenzie	15,000	13,500	39.1	43.5	587,000
McLean	13,000	12,800	49.2	50.0	640,000
Mercer	4,000	3,900	50.8	52.1	203,000
Oliver	8,000	7,900	49.4	50.0	395,000
West Central	50,000	48,000	45.6	47.5	2,280,000
Eddy	6,500	6,000	51.7	56.0	336,000
Foster	8,000	7,800	53.6	55.0	429,000
Kidder	9,000	8,700	46.4	48.0	418,000
Sheridan	13,000	11,000	29.6	35.0	385,000
Stutsman	38,000	37,500	48.4	49.0	1,839,000
Wells	35,500	35,000	47.4	48.0	1,681,000
Central	110,000	106,000	46.3	48.0	5,088,000
Barnes	115,000	114,500	55.3	55.5	6,355,000
Cass	190,000	189,000	61.7	62.0	11,725,000
Griggs	40,000	39,500	55.8	56.5	2,232,000
Steele	80,000	79,000	56.8	57.5	4,543,000
Traill	125,000	124,000	67.5	68.0	8,432,000
East Central	550,000	546,000	60.5	61.0	33,287,000
Adams	6,000	5,900	35.3	35.9	212,000
Billings	1,500	1,400	26.0	27.9	39,000
Bowman	14,500	13,700	40.6	43.0	589,000
Golden Valley	8,000	7,800	54.1	55.5	433,000
Hettinger	13,000	12,900	39.2	39.5	510,000
Slope	11,000	10,400	44.5	47.0	489,000
Stark	9,000	8,400	29.9	32.0	269,000
Southwest	63,000	60,500	40.3	42.0	2,541,000
Burleigh	9,000	8,500	45.3	48.0	408,000
Emmons	8,000	7,900	35.1	35.6	281,000
Grant	14,000	13,800	42.4	43.0	593,000
Morton	23,000	22,300	42.7	44.0	981,000
Sioux	3,000	2,500	34.3	41.2	103,000
South Central	57,000	55,000	41.5	43.0	2,366,000
Dickey	37,000	36,500	35.0	35.5	1,296,000
LaMoure	26,000	25,700	45.0	45.5	1,169,000
Logan	10,000	9,600	40.3	42.0	403,000
McIntosh	8,000	7,800	33.1	34.0	265,000
Ransom	28,000	27,800	50.6	51.0	1,418,000
Richland	55,000	53,400	47.6	49.0	2,617,000
Sargent	26,000	25,700	43.5	44.0	1,130,000
Southeast	190,000	186,500	43.7	44.5	8,298,000
STATE	2,080,000	2,040,000	52.0	53.0	108,120,000

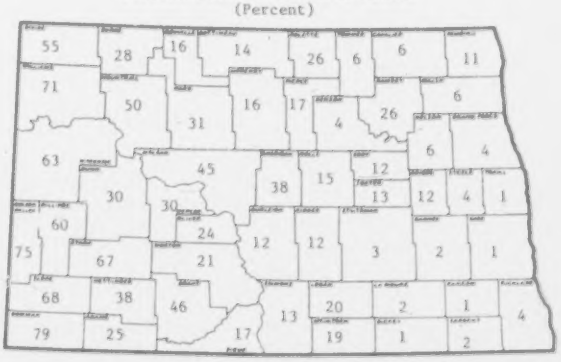
BARLEY, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



BARLEY, 1982 - Yield per Harvested Acre
(Bushels)



BARLEY - 1982
Percent Planted on Summer Fallow
(Percent)



BARLEY: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	13,000	12,400	31.5	33.0	409,000	14,600	12,700	28.9	32.6	435,800
Divide	10,000	9,800	34.3	35.0	343,000	9,400	8,600	29.3	31.9	292,700
Mountrail	11,000	9,900	34.2	38.0	376,000	11,200	10,400	33.0	35.7	381,900
Renville	40,000	39,500	38.5	39.0	1,540,000	38,400	36,300	32.4	33.7	1,253,600
Ward	35,000	34,300	47.0	48.0	1,646,000	37,400	35,100	36.5	38.4	1,403,000
Williams	11,000	10,100	35.4	38.5	389,000	9,900	8,800	30.0	33.8	310,100
Northwest	120,000	116,000	39.2	40.5	4,703,000	121,000	111,900	32.7	34.9	4,077,100
Benson	44,000	42,300	39.0	40.5	1,714,000	54,900	50,500	31.7	34.1	1,708,100
Bottineau	90,000	89,500	42.3	42.5	3,808,000	95,400	86,900	31.7	34.3	3,045,600
McHenry	30,000	29,800	46.7	47.0	1,400,000	29,900	26,400	32.6	35.6	970,700
Pierce	34,000	33,600	42.5	43.0	1,446,000	34,100	31,500	31.0	33.4	1,065,200
Rolette	47,000	45,800	37.1	38.0	1,742,000	49,100	45,800	35.4	37.6	1,756,300
North Central	245,000	241,000	41.3	42.0	10,110,000	263,400	240,900	32.4	34.9	8,545,900
Cavalier	200,000	195,000	38.0	39.0	7,608,000	193,000	187,200	43.3	44.8	8,354,800
Grand Forks	175,000	170,000	53.4	55.0	9,342,000	150,500	142,600	43.7	45.6	6,611,500
Nelson	55,000	54,000	50.0	51.0	2,752,000	56,800	55,100	36.7	37.8	2,114,800
Pembina	70,000	68,000	54.8	56.5	3,839,000	76,100	73,000	48.0	50.1	3,674,600
Ramsey	65,000	64,000	41.3	42.0	2,687,000	85,100	79,400	36.4	39.4	3,094,000
Towner	80,000	78,000	33.1	34.0	2,649,000	92,600	88,000	35.5	37.5	3,332,800
Walsh	105,000	103,000	49.0	50.0	5,145,000	108,600	101,400	42.4	45.3	4,675,500
Northeast	750,000	732,000	45.4	46.5	34,022,000	762,800	726,800	41.5	43.7	31,858,000
Dunn	7,000	6,900	31.6	32.0	221,000	8,800	6,900	26.6	31.7	238,000
McKenzie	13,000	12,800	31.5	32.0	409,000	11,100	9,600	30.2	34.9	355,300
McLean	15,000	14,900	43.7	44.0	655,000	13,500	13,000	35.3	36.8	507,100
Mercer	3,400	3,300	32.1	33.0	109,000	4,200	3,200	23.3	28.1	96,000
Oliver	6,600	6,600	45.0	45.0	297,000	7,100	6,000	35.1	40.0	246,200
West Central	45,000	44,500	37.6	38.0	1,691,000	44,700	38,700	31.3	35.4	1,442,500
Eddy	9,000	8,900	46.4	47.0	418,000	10,500	9,800	35.5	37.7	359,200
Foster	11,000	10,900	50.5	51.0	556,000	13,500	12,000	36.2	41.4	498,100
Kidder	10,000	9,900	38.6	39.0	386,000	12,700	10,300	24.2	27.3	304,300
Sheridan	16,000	15,800	43.4	44.0	695,000	13,900	12,200	28.9	31.3	413,000
Stutsman	38,000	37,700	46.6	47.0	1,772,000	39,200	35,200	34.6	37.5	1,378,900
Wells	36,000	35,800	45.8	46.0	1,647,000	43,600	38,000	34.3	38.4	495,300
Central	120,000	119,000	45.6	46.0	5,474,000	133,300	117,600	33.3	36.8	4,448,800
Barnes	140,000	139,000	49.6	50.0	6,950,000	121,100	118,100	43.4	44.4	5,288,200
Cass	220,000	219,000	57.7	58.0	12,697,000	181,600	179,700	51.3	51.8	9,328,100
Griggs	50,000	49,500	51.5	52.0	2,574,000	42,900	40,700	38.2	39.6	1,642,800
Steele	100,000	99,000	52.5	53.0	5,247,000	89,000	88,000	44.8	45.2	3,993,300
Traill	150,000	149,500	63.8	64.0	9,568,000	127,000	123,800	53.1	54.3	6,776,000
East Central	660,000	656,000	56.1	56.5	37,036,000	561,600	550,400	48.0	48.9	27,028,300
Adams	4,000	3,500	17.5	20.0	70,000	6,100	4,500	22.7	25.1	126,800
Billings	1,600	1,200	15.0	20.0	24,000	2,100	1,500	22.5	27.0	41,600
Bowman	10,500	7,300	14.6	21.0	153,000	10,900	8,200	21.4	26.2	225,400
Golden Valley	5,500	4,500	27.8	34.0	153,000	7,300	5,400	27.4	34.2	195,500
Hettinger	10,000	9,800	32.3	33.0	323,000	10,800	9,900	29.9	32.3	346,000
Slope	8,000	7,700	32.8	34.0	262,000	9,200	6,800	27.4	31.5	225,800
Stark	8,400	6,500	20.1	26.0	169,000	9,800	8,100	23.9	27.7	242,400
Southwest	48,000	40,500	24.0	28.5	1,154,000	56,200	44,400	25.4	29.6	1,403,600
Burleigh	11,000	10,000	29.1	32.0	320,000	11,700	8,500	20.9	25.1	239,100
Emmons	6,000	5,500	32.5	35.5	195,000	8,400	6,900	24.4	26.6	196,300
Grant	11,000	9,500	22.5	26.0	247,000	12,800	9,500	21.5	26.9	265,300
Morton	22,000	18,500	33.2	39.5	731,000	20,400	15,500	25.1	32.0	514,800
Sioux	2,000	1,500	18.0	24.0	36,000	3,000	2,200	15.9	19.0	44,300
South Central	52,000	45,000	29.4	34.0	1,529,000	56,300	42,500	22.8	28.0	1,259,800
Dickey	35,000	34,500	42.4	43.0	1,485,000	37,400	36,800	37.4	38.0	1,427,000
LaMoure	30,000	29,500	41.3	42.0	1,240,000	26,900	25,800	37.3	38.7	1,018,500
Logan	7,500	7,200	34.5	36.0	259,000	4,800	4,500	28.3	30.1	140,300
McIntosh	8,500	7,800	32.1	35.0	273,000	9,600	8,600	27.2	29.2	261,000
Ransom	36,000	35,000	45.7	47.0	1,646,000	30,200	28,400	40.1	42.4	1,219,000
Richland	63,000	62,500	55.6	56.0	3,503,000	60,200	59,500	46.2	46.7	2,814,500
Sargent	30,000	29,500	49.2	50.0	1,475,000	29,600	29,000	41.5	42.3	1,229,600
Southeast	210,000	206,000	47.1	48.0	9,881,000	198,700	192,600	40.4	41.6	8,110,000
STATE	2,250,000	2,200,000	46.9	48.0	105,600,000	2,198,000	2,066,000	39.8	42.2	88,174,000

1/ Totals may not add due to rounding.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	5,500	5,500	41.8	41.8	230,000	14,500	14,200	30.3	31.0	440,000
Divide	10,500	10,400	44.8	45.2	470,000	8,500	8,500	36.9	36.9	314,000
Mountrail	8,000	7,200	48.4	53.8	387,000	8,000	7,900	44.1	44.7	353,000
Renville	6,000	6,000	44.7	44.7	268,000	32,000	31,800	43.0	43.2	1,375,000
Ward	14,900	14,700	50.5	51.2	752,000	33,000	32,700	52.6	53.0	1,734,500
Williams	13,500	12,700	36.9	39.3	498,700	5,400	5,200	28.0	29.0	151,000
Northwest	58,400	56,500	44.6	46.1	2,605,700	101,400	100,300	43.1	43.5	4,367,500
Benson	1,900	1,700	44.7	50.0	85,000	41,000	39,700	44.3	45.8	1,817,000
Bottineau	11,500	11,500	58.3	58.3	671,000	70,500	70,000	43.7	44.0	3,081,000
McHenry	4,500	4,400	56.2	57.5	253,000	24,500	24,200	48.0	48.6	1,177,000
Pierce	5,500	5,400	63.1	64.3	347,000	26,500	26,300	50.3	50.7	1,333,000
Rolette	9,000	9,000	50.9	50.9	458,000	25,000	24,700	47.7	48.3	1,193,000
North Central	32,400	32,000	56.0	56.7	1,814,000	187,500	184,900	45.9	46.5	8,601,000
Cavalier	11,000	10,800	56.5	57.6	622,000	164,000	162,200	56.3	56.9	9,233,000
Grand Forks	6,000	6,000	57.3	57.3	344,000	154,000	153,000	59.7	60.1	9,190,000
Nelson	2,600	2,400	46.4	48.3	116,000	41,500	41,100	51.2	51.7	2,124,000
Pembina	8,000	8,000	65.8	65.8	526,000	62,000	60,500	60.0	61.5	3,721,000
Ramsey	16,000	15,500	44.3	45.7	709,000	45,000	42,500	46.8	49.5	2,104,000
Towner	4,500	4,300	42.9	44.9	193,000	75,500	71,700	45.8	48.2	3,455,000
Walsh	5,500	5,200	42.5	45.0	234,000	84,500	80,800	50.7	53.0	4,281,000
Northeast	53,500	52,200	51.3	52.6	2,744,000	626,500	611,800	54.4	55.8	34,108,000
Dunn	3,000	3,000	56.7	56.7	170,000	7,000	6,900	40.7	41.3	285,000
McKenzie	9,500	8,600	41.2	45.5	391,400	5,100	4,500	32.5	36.9	166,000
McLean	5,900	5,800	51.5	52.4	304,000	6,900	6,800	46.2	46.9	319,000
Mercer	1,200	1,200	54.2	54.2	65,000	2,800	2,700	49.3	51.1	138,000
Oliver	1,900	1,900	51.1	51.1	97,000	6,000	5,900	48.5	49.3	291,000
West Central	21,500	20,500	47.8	50.1	1,027,400	27,800	26,800	43.1	44.7	1,199,000
Eddy	800	700	52.5	60.0	42,000	5,300	4,900	49.7	53.7	263,200
Foster	1,000	1,000	60.0	60.0	60,000	7,000	6,800	52.7	54.3	369,000
Kidder	1,100	1,000	50.0	55.0	55,000	7,500	7,300	44.8	46.1	336,200
Sheridan	5,000	4,200	29.8	35.5	149,000	8,000	6,800	29.5	34.7	236,000
Stutsman	1,000	1,000	55.0	55.0	55,000	37,000	36,500	48.2	48.9	1,784,000
Wells	5,500	5,400	47.6	48.5	262,000	30,000	29,600	47.3	47.9	1,419,000
Central	14,400	13,300	43.3	46.8	623,000	94,800	91,900	46.5	48.0	4,407,400
Barnes	2,000	2,000	56.0	56.0	112,000	113,000	112,500	55.2	55.5	6,243,000
Cass	2,000	2,000	66.5	66.5	133,000	188,000	187,000	61.7	62.0	11,592,000
Griggs	4,700	4,700	50.0	50.0	235,000	35,000	34,500	56.4	57.2	1,973,000
Steele	3,000	3,000	62.7	62.7	188,000	77,000	76,000	56.6	57.3	4,355,000
Traill	1,000	1,000	60.0	60.0	60,000	124,000	123,000	67.5	68.1	8,372,000
East Central	12,700	12,700	57.3	57.3	728,000	537,000	533,000	60.6	61.0	32,535,000
Adams	1,500	1,500	39.3	39.3	59,000	4,500	4,400	34.0	34.8	153,000
Billings	900	900	33.3	33.3	30,000	600	500	15.0	18.0	9,000
Bowman	11,500	10,900	41.9	44.2	482,000	3,000	2,800	35.7	38.2	107,000
Golden Valley	6,000	5,900	54.1	55.0	324,500	1,900	1,800	53.2	56.1	101,000
Hettinger	5,000	5,000	43.2	43.2	216,000	8,000	7,900	36.8	37.2	294,000
Slope	7,500	7,400	50.1	50.8	376,000	3,500	3,000	32.3	37.7	113,000
Stark	6,000	5,500	32.8	35.8	197,000	3,000	2,960	24.0	24.8	72,000
Southwest	38,400	37,100	43.9	45.4	1,684,500	24,500	23,300	34.7	36.4	849,000
Burleigh	1,100	1,000	42.7	47.0	47,000	7,700	7,300	45.2	47.7	348,000
Emmons	1,000	1,000	34.0	34.0	34,000	7,000	6,900	35.3	35.8	247,000
Grant	6,500	6,400	40.5	41.1	263,000	7,400	7,300	44.1	44.7	326,000
Morton	4,900	4,800	46.5	47.5	228,000	18,000	17,400	41.6	43.0	749,000
Sioux	500	500	42.0	42.0	21,000	2,500	2,000	32.8	41.0	82,000
South Central	14,000	13,700	42.4	43.3	593,000	42,600	40,900	41.1	42.8	1,752,000
Dickey	500	500	40.0	40.0	20,000	36,000	35,500	34.3	34.8	1,236,000
LaMoure	500	500	48.0	48.0	24,000	25,500	25,200	44.9	45.4	1,145,000
Logan	2,000	1,900	44.0	46.3	88,000	8,000	7,700	39.4	40.9	315,000
McIntosh	1,500	1,500	35.3	35.3	53,000	6,500	6,300	32.6	33.7	212,000
Ransom	300	300	50.0	50.0	15,000	27,500	27,300	50.4	50.8	1,387,000
Richland	2,000	2,000	60.5	60.5	121,000	53,000	51,400	47.1	48.6	2,496,000
Sargent	400	400	45.5	45.5	18,200	25,400	25,100	43.0	43.5	1,093,000
Southeast	7,200	7,100	47.1	47.8	339,200	181,900	178,500	43.3	44.2	7,884,000
STATE	252,500	245,100	48.2	49.6	12,158,800	1,824,000	1,791,400	52.5	53.4	95,702,900

1/ See page 43 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Revised) 1/

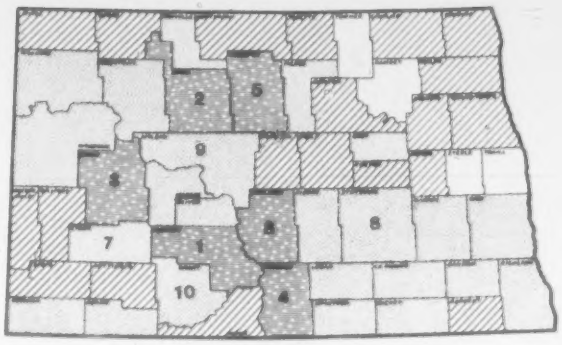
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.				Plted.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	3,000	2,700	26.3	29.3	79,000	10,000	9,700	33.0	34.0	330,000
Divide	3,000	2,900	45.7	47.2	137,000	7,000	6,900	29.4	29.9	206,000
Mountrail	6,000	5,300	37.5	42.5	225,000	5,000	4,600	30.2	32.8	151,000
Renville	9,000	8,900	47.1	47.6	424,000	31,000	30,600	36.0	36.5	1,116,000
Ward	10,000	9,900	49.0	49.5	490,000	24,900	24,300	46.2	47.4	1,151,500
Williams	6,000	5,300	41.2	46.6	247,000	4,900	4,700	28.2	29.4	138,000
Northwest	37,000	35,000	43.3	45.8	1,602,000	82,800	80,800	37.3	38.3	3,092,500
Benson	2,400	2,400	50.4	50.4	121,000	41,500	39,800	38.3	39.9	1,588,000
Bottineau	10,000	9,900	29.3	29.6	293,000	80,000	79,600	43.9	44.2	3,515,000
McHenry	4,000	4,000	48.0	48.0	192,000	26,000	25,800	46.5	46.8	1,208,000
Pierce	8,000	7,900	42.5	43.0	340,000	26,000	25,700	42.5	43.0	1,106,000
Rolette	5,900	5,700	28.6	29.6	169,000	41,000	40,000	38.2	39.2	1,567,000
North Central	30,300	29,900	36.8	37.3	1,115,000	214,500	210,900	41.9	42.6	8,984,000
Cavalier	10,000	10,000	37.4	37.4	374,000	190,000	185,000	38.1	39.1	7,234,000
Grand Forks	8,000	8,000	59.9	59.9	479,000	167,000	162,000	53.1	54.7	8,863,000
Nelson	6,000	5,900	56.3	57.3	338,000	49,000	48,100	49.3	50.2	2,414,000
Pembina	6,000	5,500	53.7	58.5	322,000	64,000	62,500	55.0	56.3	3,517,000
Ramsey	5,000	4,800	36.0	37.5	180,000	60,000	59,200	41.8	42.3	2,507,000
Towner	7,000	6,500	31.6	34.0	221,000	73,000	71,500	33.3	34.0	2,428,000
Walsh	12,000	11,700	53.8	55.1	645,000	93,000	91,300	48.4	49.3	4,500,000
Northeast	54,000	52,400	47.4	48.8	2,559,000	696,000	679,600	45.2	46.3	31,463,000
Dunn	2,000	2,000	23.0	23.0	46,000	5,000	4,900	35.0	35.7	175,000
McKenzie	11,000	10,900	30.5	30.8	335,600	1,600	1,500	26.9	28.7	43,000
McLean	5,600	5,500	45.7	46.5	256,000	9,000	9,000	41.0	41.0	369,000
Mercer	1,500	1,500	34.7	34.7	52,000	1,900	1,800	30.0	31.7	57,000
Oliver	3,000	3,000	47.2	47.2	141,500	3,500	3,500	42.6	42.6	149,000
West Central	23,100	22,900	36.0	36.3	831,100	21,000	20,700	37.8	38.3	793,000
Eddy	3,000	3,000	52.5	52.5	157,500	5,700	5,600	41.8	42.5	238,000
Foster	1,000	1,000	64.0	64.0	64,000	10,000	9,900	49.2	49.7	492,000
Kidder	1,900	1,900	38.9	38.9	74,000	8,000	7,900	38.1	38.6	305,000
Sheridan	5,000	4,900	47.0	48.0	235,000	11,000	10,900	41.8	42.2	460,000
Stutsman	4,000	4,000	58.8	58.8	235,000	34,000	33,700	45.2	45.6	1,537,000
Wells	4,100	4,000	44.6	45.8	183,000	31,500	31,400	45.5	45.7	1,434,500
Central	19,000	18,800	49.9	50.5	948,500	100,200	99,400	44.6	44.9	4,466,500
Barnes	3,900	3,900	35.1	35.1	137,000	136,000	135,000	50.0	50.4	6,805,000
Cass	1,000	1,000	58.0	58.0	58,000	219,000	218,000	57.7	58.0	12,639,000
Griggs	4,000	3,800	47.8	50.3	191,000	46,000	45,700	51.8	52.1	2,383,000
Steele	2,000	2,000	46.5	46.5	93,000	98,000	97,000	52.6	53.1	5,154,000
Traill	7,000	7,000	59.9	59.9	419,000	143,000	142,500	64.0	64.2	9,149,000
East Central	17,900	17,700	50.2	50.7	898,000	642,000	638,200	56.3	56.6	36,130,000
Adams	2,200	1,900	20.9	24.2	46,000	1,800	1,600	13.3	15.0	24,000
Billings	1,000	800	18.0	22.5	18,000	600	400	10.0	15.0	6,000
Bowman	9,000	6,300	15.4	22.1	139,000	1,500	1,000	9.3	14.0	14,000
Golden Valley	4,000	3,700	34.0	36.8	136,000	1,500	800	11.3	21.3	17,000
Hettinger	5,500	5,400	31.1	31.7	171,000	4,500	4,400	33.8	34.5	152,000
Slope	5,000	4,900	36.4	37.1	182,000	3,000	2,800	26.7	28.6	80,000
Stark	3,000	2,500	28.0	33.6	84,000	5,400	4,000	15.7	21.3	85,000
Southwest	29,700	25,500	26.1	30.4	776,000	18,300	15,000	20.7	25.2	378,000
Burleigh	1,900	1,800	30.0	31.7	57,000	9,000	8,100	28.4	31.5	255,500
Emmons	800	800	30.0	30.0	24,000	5,000	4,500	31.8	35.3	159,000
Grant	2,900	2,600	24.1	26.9	70,000	8,000	6,800	21.5	25.3	172,000
Morton	8,800	7,500	32.6	38.3	287,000	13,000	10,800	33.2	40.0	432,000
Sioux	300	300	30.0	30.0	9,000	1,700	1,200	15.9	22.5	27,000
South Central	14,700	13,000	30.4	34.4	447,000	36,700	31,400	28.5	33.3	1,045,500
Dickey	1,100	1,000	38.6	42.5	42,500	33,000	32,600	41.3	41.8	1,362,400
LaMoure	1,000	1,000	44.0	44.0	44,000	29,000	28,500	41.2	42.0	1,196,000
Logan	1,500	1,500	40.0	40.0	60,000	6,000	5,700	33.2	34.9	199,000
McIntosh	1,000	900	30.0	33.3	30,000	7,500	6,900	32.4	35.2	243,000
Ransom	800	800	45.5	45.5	36,400	35,000	34,000	45.5	46.8	1,592,000
Richland	500	500	60.0	60.0	30,000	62,500	62,000	55.6	56.0	3,473,000
Sargent	800	800	53.8	53.8	43,000	29,000	28,500	48.8	49.6	1,415,000
Southeast	6,700	6,500	42.7	44.0	285,900	202,000	198,200	46.9	47.8	9,480,400
STATE	232,400	221,700	40.7	42.7	9,462,500	2,013,500	1,974,200	47.6	48.5	95,832,900

1/ See page 43 for irrigated acres.

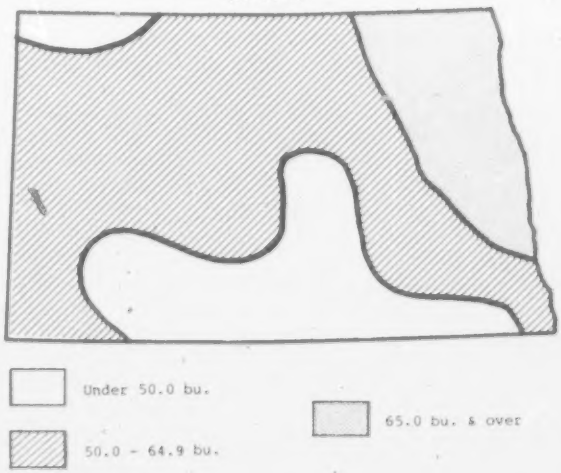
OATS: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	16,500	15,500	44.2	47.0	729,000
Divide	12,500	11,500	45.6	49.6	570,000
Mountrail	29,500	26,500	51.5	57.3	1,519,000
Renville	23,000	22,500	54.4	55.6	1,251,000
Ward	47,000	45,500	57.7	59.6	2,712,000
Williams	21,500	18,500	48.6	56.5	1,045,000
Northwest	150,000	140,000	52.2	55.9	7,826,000
Benson	14,500	13,500	52.3	56.2	759,000
Bottineau	20,000	18,000	49.6	55.1	992,000
McHenry	47,000	43,500	48.9	52.8	2,298,000
Pierce	24,500	23,000	50.5	53.8	1,238,000
Rolette	19,000	17,000	49.8	55.6	946,000
North Central	125,000	115,000	49.9	54.2	6,233,000
Cavalier	7,500	7,000	73.6	78.9	552,000
Grand Forks	14,000	13,500	68.6	71.2	961,000
Nelson	14,000	13,000	68.5	73.8	959,000
Pembina	6,600	6,400	80.6	83.1	532,000
Ramsey	7,400	6,900	59.7	64.1	442,000
Towner	4,500	4,100	58.7	64.4	264,000
Walsh	9,000	8,100	58.6	65.1	527,000
Northeast	63,000	59,000	67.3	71.8	4,237,000
Dunn	50,000	42,000	49.9	59.4	2,494,000
McKenzie	27,000	19,000	38.8	55.2	1,048,000
McLean	39,000	35,000	45.9	51.2	1,791,000
Mercer	32,000	26,000	47.6	58.6	1,523,000
Oliver	22,000	18,000	46.6	57.0	1,026,000
West Central	170,000	140,000	46.4	56.3	7,882,000
Eddy	17,500	17,000	59.0	60.8	1,033,000
Foster	12,000	11,500	55.3	57.7	663,000
Kidder	36,500	32,000	37.8	43.1	1,380,000
Sheridan	17,000	12,000	34.5	48.8	586,000
Stutsman	32,000	30,000	56.7	60.5	1,815,000
Wells	15,000	13,500	44.3	49.2	664,000
Central	130,000	116,000	47.2	52.9	6,141,000
Barnes	21,500	19,000	52.1	59.0	1,121,000
Cass	18,500	17,500	65.5	69.2	1,211,000
Griggs	14,500	13,000	67.2	75.0	975,000
Steele	5,800	5,400	67.4	72.4	391,000
Traill	6,700	6,100	64.5	70.8	432,000
East Central	67,000	61,000	61.6	67.7	4,130,000
Adams	24,000	21,000	44.5	50.8	1,067,000
Billings	15,500	12,000	41.2	53.2	638,000
Bowman	22,000	19,500	46.2	52.1	1,016,000
Golden Valley	14,500	13,000	50.2	56.0	728,000
Hettinger	19,500	18,000	42.1	45.6	821,000
Slope	15,000	12,000	42.6	53.3	639,000
Stark	44,500	39,500	42.0	47.3	1,868,000
Southwest	155,000	135,000	43.7	50.2	6,777,000
Burleigh	42,000	37,000	49.9	56.6	2,094,000
Emmons	60,000	50,000	38.7	46.4	2,320,000
Grant	46,500	37,500	37.0	45.9	1,722,000
Morton	63,000	57,000	50.9	56.2	3,204,000
Sioux	18,500	12,500	33.7	49.8	623,000
South Central	230,000	194,000	43.3	51.4	9,963,000
Dickey	33,000	30,000	34.3	37.8	1,133,000
LaMoure	30,000	28,000	50.1	53.7	1,504,000
Logan	28,000	21,500	36.0	46.9	1,008,000
McIntosh	39,000	36,000	37.4	40.5	1,458,000
Ransom	27,000	25,000	46.0	49.7	1,243,000
Richland	30,000	28,500	54.3	57.2	1,630,000
Sargent	23,000	21,000	40.7	44.5	935,000
Southeast	210,000	190,000	42.4	46.9	8,911,000
STATE	1,300,000	1,150,000	47.8	54.0	62,100,000

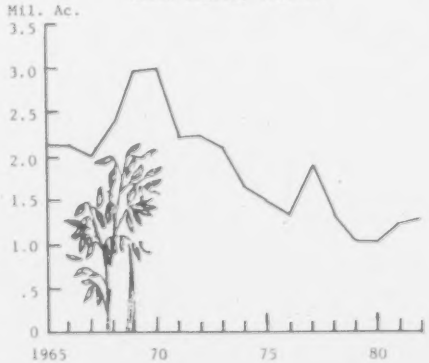
OATS, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



OATS, 1982 - Yield per Harvested Acre
(Bushels)



OATS PLANTED ACRES
North Dakota, 1965-82



OATS: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

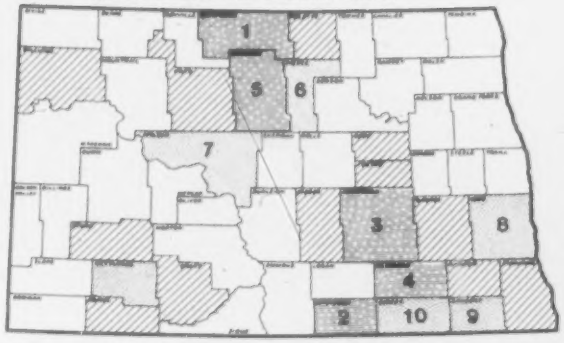
District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	10,500	9,800	40.9	43.8	429,000	11,300	10,200	37.4	41.4	439,800
Divide	10,000	8,200	39.3	47.9	393,000	11,800	9,600	35.3	44.7	415,400
Mountrail	20,000	15,000	34.0	45.3	679,000	21,700	16,700	31.2	41.0	704,800
Renville	21,000	19,500	45.5	49.0	955,000	21,100	19,000	39.0	42.8	835,200
Ward	36,000	32,000	48.4	54.4	1,741,000	43,100	37,200	39.6	45.3	1,702,900
Williams	17,500	15,500	42.6	48.1	746,000	18,200	14,000	31.6	42.4	599,100
Northwest	115,000	100,000	43.0	49.4	4,943,000	127,200	106,700	36.2	43.4	4,697,100
Benson	15,000	14,000	41.3	44.3	620,000	16,200	13,200	31.6	37.8	493,600
Bottineau	21,000	18,000	31.9	37.2	669,000	22,600	20,400	33.6	38.4	809,500
McHenry	47,000	40,000	39.9	46.9	1,874,000	49,500	39,400	31.4	38.8	1,534,800
Pierce	30,000	27,500	41.7	45.5	1,252,000	31,800	26,600	31.6	37.8	995,000
Rolette	17,000	15,500	33.6	36.9	572,000	14,500	12,800	31.7	36.9	474,500
North Central	130,000	115,000	38.4	43.4	4,987,000	134,700	112,300	32.1	38.6	4,307,400
Cavalier	5,500	5,100	33.1	35.7	182,000	7,600	7,000	36.7	43.3	317,900
Grand Forks	13,500	12,500	59.0	63.8	797,000	14,200	12,900	48.1	53.6	696,200
Nelson	8,800	8,500	56.9	58.9	501,000	12,100	10,600	37.3	42.2	441,800
Pembina	4,000	3,000	33.5	44.7	134,000	5,500	4,900	41.0	49.7	250,200
Ramsey	5,400	4,500	38.9	46.7	210,000	5,900	5,100	39.0	44.2	233,600
Towner	4,000	3,800	32.8	34.5	131,000	5,700	4,800	30.9	38.8	189,900
Walsh	7,800	7,600	58.7	60.3	458,000	10,200	9,300	45.4	50.7	481,800
Northeast	49,000	45,000	49.2	53.6	2,413,000	61,200	54,700	40.9	46.8	2,611,500
Dunn	35,000	20,500	19.9	34.0	696,000	37,800	20,800	22.5	36.8	871,700
McKenzie	25,000	14,500	23.5	40.6	588,000	26,400	13,000	20.7	39.5	567,200
McLean	32,000	28,500	38.0	42.6	1,215,000	38,200	30,500	33.5	40.9	1,294,500
Mercer	28,500	22,000	34.9	45.2	994,000	28,000	18,100	27.5	38.8	766,500
Oliver	24,500	19,500	30.9	38.8	756,000	24,800	16,000	27.4	38.7	667,500
West Central	145,000	105,000	29.3	40.5	4,249,000	155,200	98,300	26.7	39.4	4,167,300
Eddy	13,500	12,000	43.2	48.6	583,000	15,800	14,000	34.9	38.8	535,400
Foster	12,000	11,000	53.5	58.4	642,000	12,400	10,800	40.0	46.0	482,700
Kidder	39,000	34,000	38.1	43.6	1,484,000	40,200	27,600	26.8	34.4	1,060,400
Sheridan	23,000	21,000	36.0	39.5	829,000	23,100	16,500	27.1	36.9	642,800
Stutsman	38,000	34,500	47.0	51.8	1,786,000	44,200	35,800	37.3	43.8	1,607,500
Wells	14,500	12,500	42.7	49.5	619,000	19,700	13,800	27.2	39.5	537,900
Central	140,000	125,000	42.5	47.5	5,943,000	155,500	118,400	31.8	40.1	4,866,700
Barnes	23,500	22,500	58.6	61.2	1,378,000	27,500	25,100	45.4	49.0	1,282,900
Cass	19,000	17,500	69.6	75.5	1,322,000	24,300	23,400	60.8	63.3	1,511,900
Griggs	12,000	11,000	57.2	62.4	686,000	13,600	11,900	39.9	45.8	529,800
Steele	4,600	4,500	59.6	60.9	274,000	7,300	7,100	51.4	52.6	376,600
Traill	6,900	6,500	67.8	72.0	468,000	9,400	8,700	57.9	63.1	566,900
East Central	66,000	62,000	62.5	66.6	4,128,000	82,000	76,300	50.7	54.7	4,268,100
Adams	16,000	7,300	12.8	27.9	204,000	17,000	8,900	18.5	31.4	328,200
Billings	14,000	3,600	6.9	26.9	97,000	11,700	5,500	21.1	38.1	241,400
Bowman	23,000	12,700	13.2	23.9	304,000	27,700	15,200	17.6	30.3	484,800
Golden Valley	11,500	8,500	21.7	29.4	250,000	11,000	7,000	23.0	34.1	278,600
Hettinger	17,000	10,500	24.1	39.0	410,000	18,200	12,900	30.1	39.5	549,700
Slope	12,000	7,900	21.1	32.0	253,000	11,400	7,000	21.9	34.8	253,000
Stark	41,500	27,500	20.6	31.0	853,000	43,000	28,200	24.0	33.2	1,063,000
Southwest	135,000	78,000	17.6	30.4	2,371,000	140,000	84,700	22.3	34.1	3,198,800
Burleigh	39,000	28,500	25.9	35.5	1,011,000	39,900	24,900	25.0	38.1	1,061,200
Emmons	56,000	44,500	35.0	44.1	1,562,000	56,800	36,900	27.1	36.5	1,528,900
Grant	45,500	28,500	25.9	35.5	1,040,000	43,000	26,300	21.7	33.0	922,900
Morton	62,000	39,000	22.0	35.0	1,365,000	58,900	32,500	23.3	37.5	1,383,400
Sioux	17,500	9,500	19.9	36.6	348,000	16,200	9,600	20.9	30.1	327,700
South Central	220,000	150,000	26.0	38.2	5,726,000	214,800	130,200	24.1	36.0	5,224,100
Dickey	32,000	28,500	38.6	43.4	1,236,000	36,700	32,800	40.2	44.3	1,522,800
LaMoure	29,500	26,000	40.5	45.9	1,194,000	38,600	33,200	39.9	45.4	1,563,900
Logan	30,000	24,000	38.5	48.1	1,154,000	32,500	23,100	31.1	40.1	1,000,800
McIntosh	33,500	29,500	41.3	46.9	1,383,000	34,400	26,000	32.2	38.0	1,096,200
Ransom	23,000	21,500	50.3	53.8	1,156,000	27,800	25,200	48.7	52.7	1,362,100
Richland	28,000	27,500	67.3	68.5	1,885,000	37,000	35,300	60.4	63.3	2,274,900
Sargent	24,000	23,000	58.0	60.5	1,392,000	26,500	24,700	48.4	52.4	1,290,300
Southeast	200,000	180,000	47.0	52.2	9,400,000	233,500	200,400	42.7	49.0	10,111,000
STATE	1,200,000	960,000	36.8	46.0	44,160,000	1,304,000	982,000	32.8	42.8	43,452,000

1/ Totals may not add due to rounding.

RYE: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

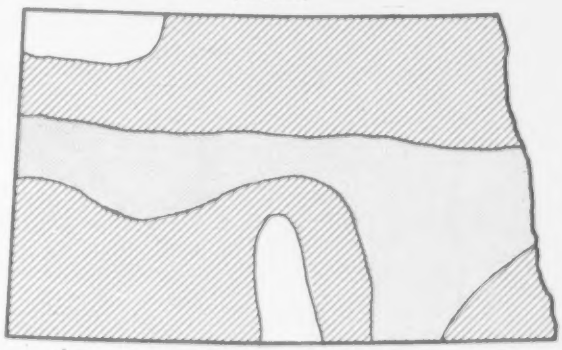
District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,300	1,100	24.8	29.4	32,300
Divide	300	200	19.7	29.5	5,900
Mountrail	1,500	1,200	25.6	32.0	38,400
Renville	1,700	1,300	24.8	32.4	42,100
Ward	2,000	1,700	27.5	32.4	55,000
Williams	2,300	2,000	30.3	34.9	69,800
Northwest	9,100	7,500	26.8	32.5	243,500
Benson	1,100	1,000	27.7	30.5	30,500
Bottineau	8,900	8,100	31.3	34.4	278,900
McHenry	7,500	7,200	28.9	30.1	216,400
Pierce	4,700	4,500	32.7	34.2	153,700
Rolette	1,800	1,700	30.8	32.6	55,500
North Central	24,000	22,500	30.6	32.7	735,000
Cavalier	200	200	32.5	32.5	6,500
Grand Forks	400	300	24.8	33.0	9,900
Nelson	300	200	22.0	33.0	6,600
Pembina	700	600	28.6	33.3	20,000
Ramsey	100	100	31.0	31.0	3,100
Towner	200	200	32.0	32.0	6,400
Walsh	1,000	800	26.6	33.3	26,600
Northeast	2,900	2,400	27.3	33.0	79,100
Dunn	300	300	41.3	41.3	12,400
McKenzie	500	400	32.6	40.8	16,300
McLean	3,700	3,500	33.8	35.7	124,900
Mercer	600	500	30.7	36.8	18,400
Oliver	200	200	34.5	34.5	6,900
West Central	5,300	4,900	33.8	36.5	178,900
Eddy	2,000	1,800	35.8	39.7	71,500
Foster	1,600	1,500	35.2	37.5	56,300
Kidder	1,900	1,800	33.0	34.8	62,700
Sheridan	1,400	1,300	33.4	35.9	46,700
Stutsman	6,300	5,900	36.7	39.2	231,000
Wells	1,300	1,200	35.3	38.3	45,900
Central	14,500	13,500	35.5	38.1	514,100
Barnes	2,500	2,300	37.6	40.9	94,000
Cass	3,500	3,200	34.5	37.8	120,900
Griggs	200	200	35.0	35.0	7,000
Steele	400	300	28.3	37.7	11,300
Traill	100	100	39.0	39.0	3,900
East Central	6,700	6,100	35.4	38.9	237,100
Adams	2,900	2,700	30.9	33.1	89,500
Billings	500	400	22.8	28.5	11,400
Bowman	900	800	31.2	35.1	28,100
Golden Valley	300	300	31.3	31.3	9,400
Hettinger	3,500	3,200	28.6	31.3	100,200
Slope	1,500	1,400	28.9	30.9	43,300
Stark	2,900	2,700	28.4	30.5	82,400
Southwest	12,500	11,500	29.1	31.7	364,300
Burleigh	1,700	1,400	23.8	28.9	40,500
Emmons	1,500	1,300	25.6	29.5	38,400
Grant	2,400	2,000	29.0	34.9	69,700
Morton	1,400	1,200	28.1	32.8	39,300
Sioux	1,500	1,200	27.0	33.8	40,500
South Central	8,500	7,100	26.9	32.2	228,400
Dickey	3,200	2,900	33.2	36.6	106,100
LaMoure	6,800	6,300	32.7	35.3	222,600
Logan	900	800	30.6	34.4	27,500
McIntosh	8,700	8,200	29.2	31.0	254,100
Ransom	1,500	1,400	34.1	36.5	51,100
Richland	1,900	1,700	26.4	29.5	50,200
Sargent	3,500	3,200	30.9	33.8	108,000
Southeast	26,500	24,500	30.9	33.5	819,600
STATE	110,000	100,000	30.9	34.0	3,400,000

RYE, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



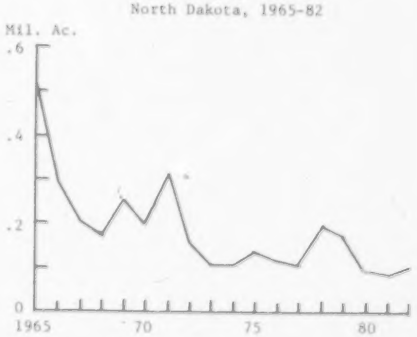
Under 50,000 bu.
100,000 - 199,999 bu.
50,000 - 99,999 bu.
200,000 bu. & over

RYE, 1982 - Yield per Harvested Acre
(Bushels)



Under 30.0 bu.
35.0 bu. & over
30.0 - 34.9 bu.

RYE PLANTED ACRES
North Dakota, 1965-82



RYE: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

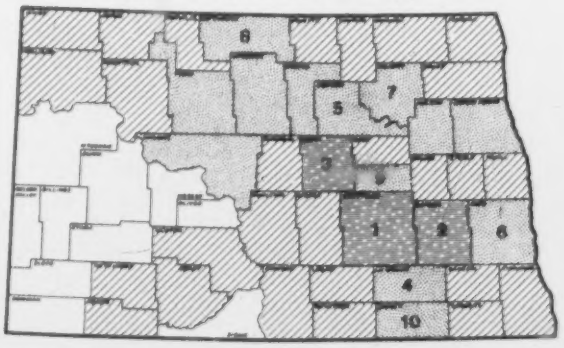
District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,000	700	16.9	24.1	16,900	1,600	1,300	18.8	23.9	31,700
Divide	100	100	24.0	24.0	2,400	500	400	18.4	23.2	9,600
Mountrail	1,700	1,700	23.5	23.5	39,900	1,700	1,400	19.8	23.6	36,900
Renville	1,500	1,100	20.4	27.8	30,600	2,900	2,300	17.3	22.8	53,300
Ward	2,200	2,200	38.0	38.0	83,500	3,500	3,200	24.2	26.7	88,200
Williams	3,000	2,200	16.6	22.6	49,700	2,800	2,200	18.7	24.1	60,500
Northwest	9,500	8,000	23.5	27.9	223,000	13,000	10,700	20.0	24.4	280,200
Benson	1,000	800	30.0	37.5	30,000	1,900	1,500	19.8	25.7	39,600
Bottineau	8,500	6,700	32.8	41.6	278,900	9,700	8,100	23.0	27.9	226,100
McHenry	7,600	7,600	40.0	40.0	304,200	10,500	8,400	21.0	25.4	214,700
Pierce	2,900	2,900	37.3	37.3	108,300	3,600	3,000	20.1	24.3	75,400
Rolette	1,500	1,500	31.1	31.1	46,600	2,600	2,100	18.9	23.4	47,500
North Central	21,500	19,500	35.7	39.4	768,000	28,400	23,000	21.3	26.1	603,300
Cavalier	300	200	19.3	29.0	5,800	300	300	20.4	24.9	6,600
Grand Forks	500	400	23.0	28.8	11,500	1,500	1,200	22.3	27.5	35,100
Nelson	300	300	25.7	25.7	7,700	200	200	22.0	23.4	4,800
Pembina	700	600	24.7	28.8	17,300	2,500	2,000	22.6	27.5	57,400
Ramsey	100	100	28.0	28.0	2,800	500	400	21.9	24.9	11,600
Towner	100	100	28.0	28.0	2,800	400	300	19.4	23.2	7,600
Walsh	500	400	23.0	28.8	11,500	300	300	20.7	24.7	6,600
Northeast	2,500	2,100	23.8	28.3	59,400	5,800	4,600	21.8	26.4	129,700
Dunn	100	100	21.0	21.0	2,100	200	200	20.8	22.2	5,000
McKenzie	700	600	15.7	18.3	11,000	500	400	17.7	21.4	9,500
McLean	2,500	2,400	17.9	18.7	44,800	5,100	4,500	21.1	23.9	119,200
Mercer	500	400	18.4	23.0	9,200	200	200	17.1	20.0	3,400
Oliver	200	100	12.5	25.0	2,500	100	100	17.4	20.5	1,600
West Central	4,000	3,600	17.4	19.3	69,600	6,100	5,400	20.7	23.6	138,700
Eddy	1,700	1,400	29.2	35.5	49,700	3,100	2,500	22.7	27.6	68,400
Foster	1,500	1,300	35.9	41.4	53,800	4,000	3,200	27.9	34.5	109,900
Kidder	2,000	2,000	27.7	27.7	55,400	3,300	2,900	19.3	21.1	61,800
Sheridan	1,500	1,300	25.9	29.8	38,800	1,900	1,700	21.5	23.4	38,800
Stutsman	2,100	2,100	41.1	41.1	86,300	6,400	5,300	26.6	31.4	169,500
Wells	700	600	32.6	38.0	22,800	3,300	2,600	24.9	32.0	86,800
Central	9,500	8,700	32.3	35.3	306,800	21,900	18,300	24.0	28.8	535,300
Barnes	2,000	1,700	31.5	37.1	63,000	2,700	2,300	23.5	27.9	64,600
Cass	3,700	2,900	24.2	30.9	89,500	5,300	4,500	23.1	29.0	118,700
Griggs	300	200	15.3	23.0	4,600	500	400	20.1	24.0	9,600
Steele	400	300	23.0	30.7	9,200	300	200	20.8	25.2	6,200
Traill	100	100	30.0	30.0	3,000	100	100	26.5	26.5	3,300
East Central	6,500	5,200	26.0	32.6	169,300	8,900	7,500	23.2	28.6	202,500
Adams	1,200	600	9.9	19.8	11,900	1,900	1,500	20.5	25.0	41,300
Billings	200	200	20.0	20.0	4,000	300	200	16.4	20.1	4,600
Bowman	400	300	15.0	20.0	6,000	900	700	21.4	25.9	19,700
Golden Valley	100	100	19.0	19.0	1,900	200	200	18.7	19.5	3,100
Hettinger	2,000	2,000	15.7	15.7	31,400	3,600	2,900	15.6	19.1	61,300
Slope	900	900	19.2	19.2	17,300	900	800	16.8	20.9	17,300
Stark	1,200	1,200	20.9	20.9	25,100	1,500	1,100	18.6	24.7	27,800
Southwest	6,000	5,300	16.3	18.4	97,600	9,300	7,400	17.9	22.0	175,100
Burleigh	1,100	1,100	25.3	25.3	27,800	1,500	1,200	17.2	20.7	26,600
Emmons	1,100	1,000	27.6	39.4	30,400	1,300	1,100	18.8	21.9	29,300
Grant	1,800	1,300	21.7	30.1	39,100	2,700	2,100	15.2	20.2	45,300
Morton	800	800	32.6	32.6	26,100	600	500	18.7	20.9	14,200
Sioux	700	400	11.6	20.3	8,100	300	200	13.6	17.5	2,900
South Central	5,500	4,600	23.9	28.6	131,500	6,400	5,100	16.4	20.6	118,300
Dickey	2,600	2,600	28.1	28.1	73,000	6,700	5,800	27.5	32.2	189,800
LaMoure	7,000	6,300	23.7	26.3	166,000	10,400	9,200	28.1	31.7	294,900
Logan	1,000	800	22.7	28.4	22,700	1,000	800	21.9	27.4	21,300
McIntosh	8,400	7,500	33.9	38.0	284,700	5,400	4,700	23.3	27.9	134,800
Ransom	1,500	1,500	24.9	24.9	37,400	3,500	3,000	25.6	29.6	90,500
Richland	1,500	1,500	33.5	33.5	50,300	2,700	2,500	31.2	33.8	81,800
Sargent	3,000	2,800	33.6	36.0	100,700	4,500	4,000	32.6	36.6	146,000
Southeast	25,000	23,000	29.4	31.9	734,800	34,200	30,000	27.6	31.8	959,000
STATE	90,000	80,000	28.4	32.0	2,560,000	134,000	112,000	22.7	27.4	3,142,000

1/ Totals may not add due to rounding.

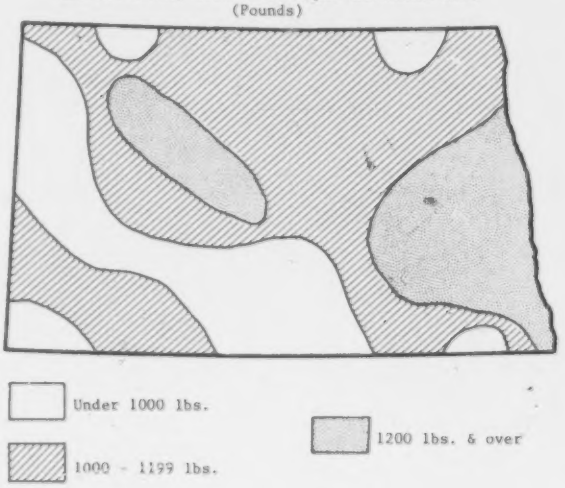
SUNFLOWER, ALL: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	25,000	25,000	840	840	20,900
Divide	30,000	30,000	1010	1010	30,150
Mountrail	35,000	33,000	1170	1240	40,920
Renville	40,000	39,500	1020	1030	40,690
Ward	120,000	118,000	1020	1040	122,890
Williams	20,000	19,500	890	910	17,750
Northwest	270,000	265,000	1010	1030	273,300
Benson	160,000	158,500	1100	1110	175,710
Bottineau	140,000	139,000	1010	1020	142,020
McHenry	110,000	108,500	1080	1100	119,230
Pierce	90,000	89,500	1150	1150	103,210
Rolette	50,000	49,500	1130	1140	56,630
North Central	550,000	545,000	1090	1100	596,800
Cavalier	60,000	59,500	880	890	52,830
Grand Forks	105,000	104,000	1190	1210	125,360
Nelson	95,000	94,000	1150	1160	109,220
Pembina	40,000	39,00	1140	1170	45,540
Ramsey	130,000	128,000	1100	1110	142,600
Towner	65,000	64,500	1140	1140	73,780
Walsh	65,000	64,000	1020	1040	66,280
Northeast	560,000	553,000	1100	1110	615,610
Dunn	5,000	5,000	1010	1010	5,050
McKenzie	6,000	6,000	960	960	5,750
McLean	115,000	111,000	1190	1230	136,850
Mercer	9,000	9,000	1000	1000	9,000
Oliver	5,000	5,000	1190	1190	5,950
West Central	140,000	136,000	1160	1200	162,600
Eddy	75,000	74,000	1160	1180	87,360
Foster	110,000	107,500	1280	1310	140,400
Kidder	35,000	35,000	940	940	32,900
Sheridan	70,000	67,500	1070	1110	75,050
Stutsman	260,000	255,000	1190	1210	308,310
Wells	200,000	196,000	1150	1170	229,780
Central	750,000	735,000	1170	1190	873,800
Barnes	200,000	198,000	1260	1270	251,510
Cass	120,000	118,500	1310	1330	157,540
Griggs	70,000	69,000	1240	1260	86,940
Steele	70,000	69,500	1270	1280	89,150
Traill	40,000	40,000	1210	1210	48,560
East Central	500,000	495,000	1270	1280	633,700
Adams	21,000	20,500	1070	1100	22,490
Billings	3,000	3,000	980	980	2,940
Bowman	7,000	7,000	860	860	6,020
Golden Valley	5,000	5,000	1040	1040	5,200
Hettinger	75,000	74,000	1070	1080	79,950
Slope	8,000	8,000	1070	1070	8,560
Stark	11,000	10,500	840	880	9,240
Southwest	130,000	128,000	1030	1050	134,400
Burleigh	51,000	49,000	1100	1150	56,320
Emmons	30,000	29,000	890	920	26,680
Grant	35,000	34,500	1010	1030	35,490
Morton	30,000	29,500	910	930	27,420
Sioux	4,000	4,000	740	740	2,960
South Central	150,000	146,000	990	1020	148,870
Dickey	125,000	124,000	1100	1100	136,880
LaMoure	145,000	143,500	1230	1240	177,850
Logan	25,000	25,000	890	890	22,250
McIntosh	35,000	35,000	920	920	32,200
Ransom	70,000	69,000	1250	1270	87,630
Richland	75,000	74,500	1260	1270	94,470
Sargent	75,000	74,000	950	960	71,080
Southeast	550,000	545,000	1130	1140	622,360
STATE	3,600,000	3,548,000	1130	1145	4,061,440

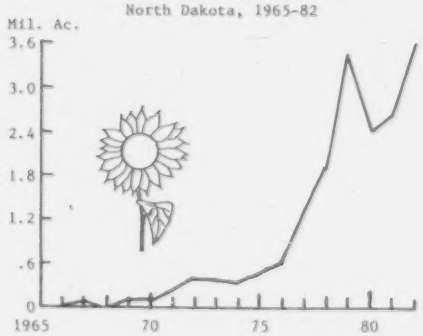
ALL SUNFLOWER, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



ALL SUNFLOWER, 1982 - Yield per Harvested Acre
(Pounds)



ALL SUNFLOWER PLANTED ACRES
North Dakota, 1965-82



SUNFLOWER, ALL: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Yr. Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	18,000	17,900	870	870	15,580	10,000	9,500	990	1030	8,626
Divide	22,000	21,500	940	960	20,570	11,100	10,900	1080	1100	11,717
Mountrail	17,000	16,800	950	960	16,200	11,000	10,900	960	980	10,694
Renville	32,000	31,900	1010	1010	32,170	18,300	18,200	1150	1160	19,566
Ward	99,000	98,900	1080	1080	106,520	55,400	54,500	1140	1160	59,000
Williams	12,000	11,500	760	800	9,160	10,900	10,600	960	1010	9,971
Northwest	200,000	198,500	1000	1010	200,200	116,900	114,600	1080	1100	119,574
Benson	100,000	99,700	1220	1220	122,010	75,200	72,200	1130	1170	86,279
Bottineau	115,000	112,500	1010	1030	115,800	77,000	75,100	1060	1090	80,067
McHenry	75,000	74,700	1220	1220	91,220	35,900	35,500	1130	1140	43,682
Pierce	59,000	58,900	1300	1310	76,960	28,900	26,500	1330	1410	33,962
Rolette	31,000	30,700	1240	1250	38,410	18,600	18,000	1150	1170	21,801
North Central	380,000	376,500	1170	1180	444,400	235,500	227,300	1130	1160	265,791
Cavalier	40,000	39,900	1250	1250	50,040	41,400	39,200	1210	1260	52,678
Grand Forks	92,000	91,100	1120	1130	102,700	121,100	119,500	1190	1210	145,399
Nelson	71,000	70,400	1250	1270	89,090	63,500	62,600	1130	1150	72,158
Pembina	39,000	37,700	1050	1080	40,880	65,900	63,900	1270	1300	86,224
Ramsey	82,000	81,500	1220	1230	100,070	64,400	63,000	1190	1220	76,736
Towner	38,000	37,900	1350	1360	51,370	32,200	31,000	1180	1210	38,938
Walsh	48,000	47,500	1270	1290	61,150	65,000	63,100	1170	1200	77,233
Northeast	410,000	406,000	1210	1220	495,300	453,500	442,500	1200	1230	549,366
Dunn	4,500	4,400	1090	1110	4,900	3,900	3,800	830	860	3,424
McKenzie	3,500	3,500	1090	1090	3,820	2,700	2,600	1060	1090	2,814
McLean	53,000	52,600	1310	1320	69,250	24,500	24,100	1320	1340	33,144
Mercer	4,000	4,000	1240	1240	4,960	2,800	2,700	940	970	2,620
Oliver	3,000	3,000	1240	1240	3,720	1,500	1,400	990	1020	1,524
West Central	68,000	67,500	1270	1280	86,650	35,400	34,600	1180	1200	43,527
Eddy	57,000	56,800	1200	1210	68,670	51,500	48,400	1050	1100	53,346
Foster	84,000	83,400	1280	1290	107,240	84,400	79,000	1070	1150	91,408
Kidder	17,000	17,000	1110	1110	18,850	9,300	9,100	1100	1110	10,731
Sheridan	34,000	33,800	1250	1250	42,350	19,600	19,300	1030	1040	21,000
Stutsman	225,000	223,100	1230	1240	276,850	172,000	168,700	1130	1150	201,282
Wells	173,000	171,400	1260	1270	218,100	112,100	104,400	1150	1230	130,575
Central	590,000	585,500	1240	1250	732,060	449,000	429,000	1110	1160	508,342
Barnes	150,000	149,400	1320	1320	197,460	147,700	144,300	1250	1270	186,086
Cass	125,000	124,000	1220	1230	152,110	201,300	199,100	1330	1340	273,242
Griggs	55,000	54,700	1270	1280	70,010	54,200	52,400	1160	1190	63,365
Steele	55,000	54,700	1380	1390	76,100	59,400	58,500	1350	1370	81,485
Traill	45,000	44,700	1230	1240	55,370	64,300	63,200	1400	1430	91,242
East Central	430,000	427,500	1280	1290	551,050	527,000	517,500	1300	1330	695,419
Adams	13,500	13,500	880	880	11,830	9,700	9,300	830	860	7,845
Billings	3,000	3,000	970	970	2,910	1,700	1,700	900	910	1,461
Bowman	5,500	5,300	940	980	5,190	3,500	3,400	810	820	2,872
Golden Valley	2,200	2,200	920	920	2,020	1,500	1,500	1020	1030	1,551
Hettinger	51,000	50,800	920	920	46,910	34,700	33,000	880	900	29,762
Slope	5,000	5,000	1030	1030	5,160	3,900	3,900	920	930	3,763
Stark	5,800	5,700	1010	1030	5,880	4,900	4,800	960	980	4,844
Southwest	86,000	85,500	930	930	79,900	59,900	57,600	880	910	52,097
Burleigh	22,000	21,600	1030	1050	22,670	11,600	11,200	880	900	10,141
Emmons	11,500	11,500	980	980	11,280	6,800	6,700	870	870	6,630
Grant	19,000	18,900	1020	1020	19,320	15,700	15,500	980	990	15,079
Morton	12,500	12,500	1030	1030	12,830	5,000	4,900	840	940	4,564
Sioux	1,000	1,000	1000	1000	1,000	2,100	2,000	780	790	1,662
South Central	66,000	65,500	1020	1020	67,100	41,100	40,300	920	930	38,075
Dickey	82,000	79,900	1160	1190	94,770	66,400	65,100	1180	1210	77,901
LaMoure	105,000	104,500	1190	1200	125,220	86,500	84,400	1200	1250	105,837
Logan	14,000	14,000	1040	1040	14,610	7,600	7,500	980	990	7,423
McIntosh	19,000	18,700	1130	1140	21,410	15,900	15,600	950	960	16,132
Ransom	57,000	56,500	1310	1320	74,700	63,700	62,100	1350	1390	87,375
Richland	83,000	82,500	1190	1200	98,730	136,900	133,700	1290	1320	179,580
Sargent	60,000	59,400	1200	1210	72,060	62,900	62,300	1240	1250	78,991
Southeast	420,000	415,500	1190	1210	501,500	439,900	430,700	1250	1280	553,238
STATE	2,650,000	2,628,000	1190	1202	3,158,160	2,358,000	2,294,200	1190	1220	2,825,428

1/ Totals may not add due to rounding.

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	24,500	24,500	830	830	20,340	500	500	1120	1120	560
Divide	27,000	27,000	1000	1000	27,000	3,000	3,000	1050	1050	3,150
Mountrail	35,000	33,000	1170	1240	40,920	---	---	---	---	---
Renville	40,000	39,500	1020	1030	40,690	---	---	---	---	---
Ward	113,500	111,500	1020	1040	116,000	6,500	6,500	1060	1060	6,890
Williams	20,000	19,500	890	910	17,750	---	---	---	---	---
Northwest	260,000	255,000	1010	1030	262,700	10,000	10,000	1060	1060	10,600
Benson	151,000	149,500	1080	1090	163,020	9,000	9,000	1410	1410	12,690
Bottineau	132,000	131,000	1010	1020	133,620	8,000	8,000	1050	1050	8,400
McHenry	107,000	105,500	1080	1100	116,050	3,000	3,000	1060	1060	3,180
Pierce	88,000	87,500	1140	1150	100,630	2,000	2,000	1290	1290	2,580
Rolette	47,000	46,500	1140	1150	53,480	3,000	3,000	1050	1050	3,150
North Central	525,000	520,000	1080	1090	566,800	25,000	25,000	1200	1200	30,000
Cavalier	57,000	56,500	880	890	50,280	3,000	3,000	850	850	2,550
Grand Forks	97,000	96,000	1190	1200	115,200	8,000	8,000	1270	1270	10,160
Nelson	93,000	92,000	1150	1160	106,720	2,000	2,000	1250	1250	2,500
Pembina	39,000	38,000	1140	1170	44,460	1,000	1,000	1080	1080	1,080
Ramsey	120,000	118,300	1080	1100	130,180	10,000	9,700	1240	1280	12,420
Towner	63,000	62,500	1140	1150	71,880	2,000	2,000	950	950	1,900
Walsh	63,000	62,000	1020	1040	64,480	2,000	2,000	900	900	1,800
Northeast	532,000	525,300	1100	1110	583,200	28,000	27,700	1160	1170	32,410
Dunn	5,000	5,000	1010	1010	5,050	---	---	---	---	---
McKenzie	5,000	5,000	850	850	4,250	1,000	1,000	1500	1500	1,500
McLean	112,000	108,200	1190	1230	133,070	3,000	2,800	1260	1350	3,780
Mercer	9,000	9,000	1000	1000	9,000	---	---	---	---	---
Oliver	5,000	5,000	1190	1190	5,950	---	---	---	---	---
West Central	136,000	132,200	1160	1190	157,320	4,000	3,800	1320	1390	5,280
Eddy	56,000	55,000	1140	1160	63,800	19,000	19,000	1240	1240	23,560
Foster	88,000	85,700	1270	1300	111,410	22,000	21,800	1320	1330	28,990
Kidder	35,000	35,000	940	940	32,900	---	---	---	---	---
Sheridan	68,000	65,500	1070	1110	72,730	2,000	2,000	1160	1160	2,320
Stutsman	240,000	235,000	1180	1210	284,310	20,000	20,000	1200	1200	24,000
Wells	177,000	173,300	1140	1160	200,950	23,000	22,700	1250	1270	28,830
Central	664,000	649,500	1150	1180	766,100	86,000	85,500	1250	1260	107,700
Barnes	189,000	187,000	1260	1270	237,430	11,000	11,000	1280	1280	14,080
Cass	119,000	117,500	1310	1330	156,240	1,000	1,000	1300	1300	1,300
Griggs	65,000	64,000	1240	1260	80,640	5,000	5,000	1260	1260	6,300
Steele	66,000	65,500	1270	1280	83,830	4,000	4,000	1330	1330	5,320
Traill	36,000	36,000	1210	1210	43,560	4,000	4,000	1250	1250	5,000
East Central	475,000	470,000	1270	1280	601,700	25,000	25,000	1280	1280	32,000
Adams	20,700	20,200	1070	1100	22,220	300	300	900	900	270
Billings	3,000	3,000	980	980	2,940	---	---	---	---	---
Bowman	7,000	7,000	860	860	6,020	---	---	---	---	---
Golden Valley	4,800	4,800	1040	1040	4,990	200	200	1050	1050	210
Hettinger	73,500	72,500	1070	1080	78,330	1,500	1,500	1080	1080	1,620
Slope	8,000	8,000	1070	1070	8,560	---	---	---	---	---
Stark	11,000	10,500	840	880	9,240	---	---	---	---	---
Southwest	128,000	126,000	1030	1050	132,300	2,000	2,000	1050	1050	2,100
Burleigh	50,500	48,500	1100	1150	55,760	500	500	1120	1120	560
Emmons	30,000	29,000	890	920	26,680	---	---	---	---	---
Grant	33,000	32,500	1010	1030	33,470	2,000	2,000	1010	1010	2,020
Morton	29,500	29,000	910	930	26,970	500	500	900	900	450
Sioux	4,000	4,000	740	740	2,960	---	---	---	---	---
South Central	147,000	143,000	990	1020	145,840	3,000	3,000	1010	1010	3,030
Dickey	117,000	116,000	1090	1100	127,600	8,000	8,000	1160	1160	9,280
LaMoure	140,000	138,500	1230	1240	171,700	5,000	5,000	1230	1230	6,150
Logan	25,000	25,000	890	890	22,250	---	---	---	---	---
McIntosh	35,000	35,000	920	920	32,200	---	---	---	---	---
Ransom	63,000	62,000	1250	1270	78,740	7,000	7,000	1270	1270	8,890
Richland	72,000	71,500	1260	1270	90,810	3,000	3,000	1220	1220	3,660
Sargent	71,000	70,000	950	960	67,200	4,000	4,000	970	970	3,880
Southeast	523,000	518,000	1130	1140	590,500	27,000	27,000	1180	1180	31,860
STATE	3,390,000	3,339,000	1120	1140	3,806,460	210,000	209,000	1210	1220	254,980

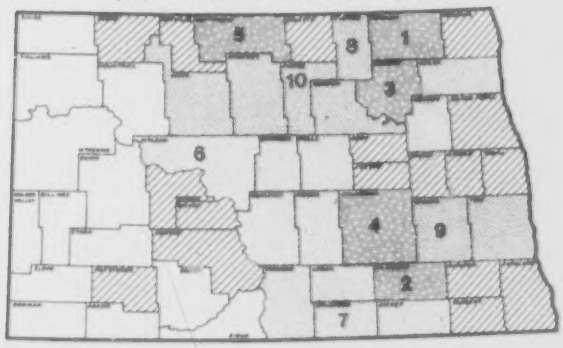
SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1981 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	17,500	17,400	870	880	15,240	500	500	680	680	340
Divide	21,000	20,500	940	970	19,800	1,000	1,000	770	770	770
Mountrail	16,000	15,800	940	960	15,100	1,000	1,000	1100	1100	1,100
Renville	30,000	29,900	1010	1020	30,360	2,000	2,000	910	910	1,810
Ward	92,500	92,400	1070	1080	99,340	6,500	6,500	1100	1100	7,180
Williams	12,000	11,500	760	800	9,160	---	---	---	---	---
Northwest	189,000	187,500	1000	1010	189,000	11,000	11,000	1020	1020	11,200
Benson	92,000	91,700	1210	1210	111,400	8,000	8,000	1330	1330	10,610
Bottineau	105,000	102,500	980	1000	102,900	10,000	10,000	1290	1290	12,900
McHenry	71,000	70,700	1200	1200	85,180	4,000	4,000	1510	1510	6,040
Pierce	55,000	54,900	1300	1310	71,650	4,000	4,000	1330	1330	5,310
Rolette	30,000	29,700	1230	1240	36,970	1,000	1,000	1440	1440	1,440
North Central	353,000	349,500	1160	1170	408,100	27,000	27,000	1340	1340	36,300
Cavalier	39,000	38,900	1250	1250	48,620	1,000	1,000	1420	1420	1,420
Grand Forks	81,000	80,500	1130	1140	91,770	11,000	10,600	990	1030	10,930
Nelson	67,000	66,500	1260	1270	84,440	4,000	3,900	1160	1190	4,650
Pembina	37,000	35,700	1060	1100	39,260	2,000	2,000	810	810	1,620
Ramsey	73,000	72,500	1220	1230	89,160	9,000	9,000	1210	1210	10,910
Towner	34,500	34,400	1370	1370	47,120	3,500	3,500	1210	1210	4,250
Walsh	46,500	46,000	1280	1290	59,330	1,500	1,500	1210	1210	1,820
Northeast	378,000	374,500	1220	1230	459,700	32,000	31,500	1110	1130	35,600
Dunn	4,500	4,400	1090	1110	4,900	---	---	---	---	---
McKenzie	3,000	3,000	1120	1120	3,370	500	500	900	900	450
McLean	49,500	49,100	1300	1310	64,150	3,500	3,500	1460	1460	5,100
Mercer	4,000	4,000	1240	1240	4,960	---	---	---	---	---
Oliver	3,000	3,000	1240	1240	3,720	---	---	---	---	---
West Central	64,000	63,500	1270	1280	81,100	4,000	4,000	1390	1390	5,550
Eddy	38,000	37,900	1190	1200	45,380	19,000	18,900	1230	1230	23,290
Foster	61,000	60,500	1260	1270	76,670	23,000	22,900	1330	1330	30,570
Kidder	16,000	16,000	1110	1110	17,720	1,000	1,000	1130	1130	1,130
Sheridan	25,000	24,900	1290	1300	32,300	9,000	8,900	1120	1130	10,050
Stutsman	206,000	204,200	1220	1230	250,650	19,000	18,900	1380	1390	26,200
Wells	149,000	147,500	1270	1290	189,880	24,000	23,900	1180	1180	28,220
Central	495,000	491,000	1240	1250	612,600	95,000	94,500	1260	1260	119,460
Barnes	144,000	143,500	1320	1330	190,340	6,000	5,900	1190	1210	7,120
Cass	122,000	121,000	1220	1230	148,340	3,000	3,000	1260	1260	3,770
Griggs	50,000	49,800	1300	1310	65,060	5,000	4,900	990	1010	4,950
Steele	51,000	50,800	1400	1410	71,730	4,000	3,900	1160	1190	4,630
Traill	36,000	35,900	1250	1260	45,090	9,000	8,800	1140	1170	10,280
East Central	403,000	401,000	1290	1300	520,300	27,000	26,500	1140	1160	30,750
Adams	13,500	13,500	880	880	11,830	---	---	---	---	---
Billings	3,000	3,000	970	970	2,910	---	---	---	---	---
Bowman	5,500	5,300	940	980	5,190	---	---	---	---	---
Golden Valley	2,000	2,000	930	930	1,860	200	200	800	800	160
Hettinger	49,200	49,000	920	930	45,470	1,800	1,800	800	800	1,440
Slope	5,000	5,000	1030	1030	5,160	---	---	---	---	---
Stark	5,800	5,700	1010	1030	5,880	---	---	---	---	---
Southwest	84,000	83,500	930	940	78,300	2,000	2,000	800	800	1,600
Burleigh	22,000	21,600	1030	1050	22,670	---	---	---	---	---
Emmons	11,500	11,500	980	980	11,280	---	---	---	---	---
Grant	16,700	16,600	990	1000	16,610	2,300	2,300	1180	1180	2,710
Morton	11,800	11,800	1020	1020	12,040	700	700	1130	1130	790
Sioux	1,000	1,000	1000	1000	1,000	---	---	---	---	---
South Central	63,000	62,500	1010	1020	63,600	3,000	3,000	1170	1170	3,500
Dickey	76,500	74,500	1160	1190	88,990	5,500	5,400	1050	1070	5,780
LaMoure	99,000	98,500	1190	1190	117,660	6,000	6,000	1260	1260	7,560
Logan	13,500	13,500	1050	1050	14,110	500	500	1000	1000	500
McIntosh	19,000	18,700	1130	1140	21,410	---	---	---	---	---
Ransom	50,000	49,800	1320	1320	65,930	7,000	6,700	1250	1310	8,770
Richland	81,000	80,500	1190	1190	96,150	2,000	2,000	1290	1290	2,580
Sargent	52,000	51,500	1210	1220	63,050	8,000	7,900	1130	1140	9,010
Southeast	391,000	387,000	1200	1210	467,300	29,000	28,500	1180	1200	34,200
STATE	2,420,000	2,400,000	1190	1200	2,880,000	230,000	228,000	1210	1220	278,160

FLAXSEED: Acreage, Yield and Production by Counties, North Dakota, 1982 (Preliminary)

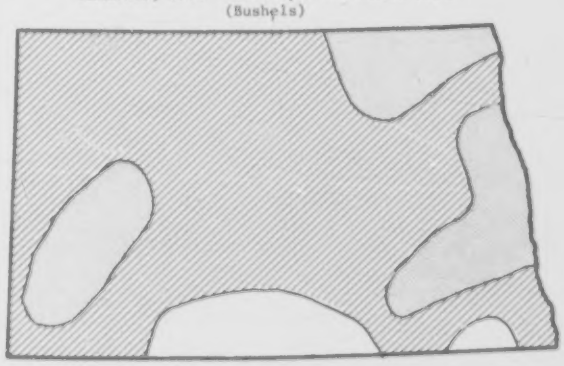
District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,000	1,900	11.3	11.9	22,600
Divide	1,200	1,100	11.1	12.1	13,300
Mountrail	1,500	1,400	13.3	14.2	19,900
Renville	5,800	5,700	10.0	10.2	58,000
Ward	13,500	13,400	14.5	14.6	195,400
Williams	1,000	1,000	12.2	12.2	12,200
Northwest	25,000	24,500	12.9	13.1	321,400
Benson	17,500	17,000	14.1	14.5	246,900
Bottineau	25,000	24,500	12.6	12.8	313,900
McHenry	12,000	11,500	12.9	13.4	154,400
Pierce	17,500	17,000	14.3	14.7	250,700
Rolette	6,000	6,000	12.9	12.9	77,500
North Central	78,000	76,000	13.4	13.7	1,043,400
Cavalier	25,000	24,000	20.7	21.5	516,600
Grand Forks	7,000	5,700	13.2	16.3	92,700
Nelson	18,000	14,500	11.0	13.6	197,600
Pembina	5,000	3,800	14.2	18.7	71,100
Ramsey	26,000	22,000	14.2	16.8	369,100
Towner	16,000	14,000	16.7	19.1	267,600
Walsh	13,000	11,000	9.8	11.6	127,500
Northeast	110,000	95,000	14.9	17.3	1,642,200
Dunn	1,000	900	15.2	16.9	15,200
McKenzie	500	400	10.8	13.5	5,400
McLean	21,500	21,400	13.3	13.4	285,800
Mercer	2,500	2,400	11.3	11.8	28,300
Oliver	4,500	4,400	13.6	13.9	61,300
West Central	30,000	29,500	13.2	13.4	396,000
Eddy	5,200	5,000	14.0	14.5	72,700
Foster	5,300	5,000	15.2	16.1	80,300
Kidder	13,000	12,500	12.6	13.1	163,300
Sheridan	12,500	11,500	10.5	11.4	131,000
Stutsman	25,500	25,000	14.1	14.3	358,500
Wells	12,500	12,000	16.4	17.1	205,000
Central	74,000	71,000	13.7	14.2	1,010,800
Barnes	15,500	15,300	17.0	17.2	263,600
Cass	8,800	8,700	19.7	20.0	173,600
Griggs	7,400	7,300	13.0	13.1	95,900
Steele	3,700	3,600	12.5	12.8	46,200
Traill	1,600	1,600	16.1	16.1	25,800
East Central	37,000	36,500	16.4	16.6	605,100
Adams	1,500	1,400	12.8	13.7	19,200
Billings	100	100	15.0	15.0	1,500
Bowman	1,300	1,200	11.1	12.0	14,400
Golden Valley	200	200	13.5	13.5	2,700
Hettinger	2,800	2,700	13.6	14.1	38,100
Slope	700	600	13.6	15.8	9,500
Stark	1,400	1,300	13.0	14.0	18,200
Southwest	8,000	7,500	13.0	13.8	103,600
Burleigh	16,500	16,000	11.2	11.5	184,400
Emmons	21,000	20,800	9.7	9.8	204,100
Grant	2,400	2,300	8.0	8.3	19,200
Morton	2,300	2,200	11.3	11.8	25,900
Sioux	800	700	7.9	9.0	6,300
South Central	43,000	42,000	10.2	10.5	439,900
Dickey	10,000	9,700	10.1	10.4	100,700
LaMoure	23,500	23,000	18.0	18.4	423,500
Logan	17,000	16,500	11.1	11.4	187,900
McIntosh	34,500	34,000	8.2	8.4	284,200
Ransom	3,100	3,000	11.0	11.4	34,200
Richland	3,000	2,900	9.9	10.3	29,800
Sargent	3,900	3,900	7.0	7.0	27,300
Southeast	95,000	93,000	11.4	11.7	1,087,600
STATE	500,000	475,000	13.3	14.0	6,650,000

FLAXSEED, 1982 - Production by Counties
(Rank of First Ten Counties Shown)



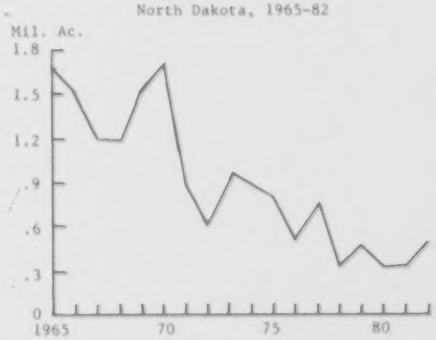
Under 20,000 bu.
20,000 - 99,999 bu.
100,000 - 299,999 bu.
300,000 bu. & over

FLAXSEED, 1982 - Yield per Harvested Acre
(Bushels)



Under 10.0 bu.
10.0 - 15.0 bu.
15.0 bu. & over

FLAXSEED PLANTED ACRES
North Dakota, 1965-82



FLAXSEED: Acreage, Yield and Production by Counties,
North Dakota, 1981 (Revised) and 5-Year Average, 1977-81

District and County	1981					5-Year Average, 1977-81 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,900	1,900	9.1	9.1	17,200	3,700	3,600	8.1	9.0	32,500
Divide	500	500	12.0	12.0	6,000	2,100	2,000	12.4	12.5	26,200
Mountrail	700	700	10.9	10.9	7,600	2,000	1,700	9.1	9.6	15,700
Renville	6,900	6,200	7.2	8.0	49,600	12,000	11,400	9.2	9.8	115,000
Ward	9,000	8,700	13.0	13.4	116,700	18,800	16,600	9.8	11.1	183,000
Williams	500	500	13.4	13.4	6,700	700	600	8.8	10.0	5,800
Northwest	19,500	18,500	10.5	11.0	203,800	39,400	35,900	9.4	10.4	378,300
Benson	15,000	14,500	12.1	12.5	181,500	13,000	12,200	11.4	12.4	142,400
Bottineau	24,500	23,000	9.8	10.4	239,400	35,000	32,700	10.2	11.1	349,300
McHenry	10,000	10,000	11.3	11.3	112,500	16,000	15,000	9.4	10.0	147,700
Pierce	14,500	14,500	12.3	12.3	178,500	16,400	15,900	10.0	10.4	160,400
Rolette	4,000	4,000	14.0	14.0	55,900	5,000	4,700	11.4	12.4	56,900
North Central	68,000	66,000	11.3	11.6	767,800	85,400	80,600	10.2	11.0	856,700
Cavalier	15,000	14,500	15.7	16.2	235,500	8,700	8,500	14.7	15.2	131,800
Grand Forks	3,300	2,900	12.3	14.0	40,600	7,200	6,500	13.1	14.6	97,300
Nelson	13,500	13,500	15.0	15.0	202,800	13,100	12,500	12.5	13.1	162,100
Pembina	2,400	2,400	12.4	12.4	29,800	3,900	3,500	13.2	14.2	50,500
Ramsey	17,500	17,000	14.6	15.0	255,400	11,400	10,700	14.1	15.1	164,500
Towner	11,000	10,500	15.5	16.3	170,800	7,700	7,200	14.0	15.3	111,500
Walsh	6,300	6,200	15.8	16.1	99,600	7,800	7,300	14.1	14.9	109,000
Northeast	69,000	67,000	15.0	15.4	1,034,500	59,800	56,200	13.7	14.6	826,700
Dunn	200	200	9.5	9.5	1,900	500	400	7.6	8.1	3,800
McKenzie	200	100	5.5	11.0	1,100	700	500	7.1	8.7	4,700
McLean	10,000	9,600	12.1	12.6	121,400	15,300	13,900	9.9	10.8	140,200
Mercer	1,700	1,700	10.9	10.9	18,500	2,000	1,800	8.6	9.0	15,600
Oliver	2,400	2,400	10.9	10.9	26,100	3,900	3,500	9.0	9.7	33,200
West Central	14,500	14,000	11.7	12.1	169,000	22,300	20,100	9.5	10.4	197,500
Eddy	6,000	6,000	10.2	10.2	61,300	6,200	5,900	9.9	10.2	57,600
Foster	4,000	4,000	14.1	14.1	56,300	4,900	4,500	11.8	13.1	56,900
Kidder	8,000	7,600	11.4	12.0	91,200	8,400	7,100	7.7	8.7	63,600
Sheridan	8,000	7,900	11.3	11.5	90,700	8,500	8,400	8.8	9.0	73,500
Stutsman	13,000	12,700	14.8	15.1	192,200	16,500	15,100	12.2	13.2	196,600
Wells	9,000	8,800	10.9	11.2	98,300	14,400	13,100	9.5	11.0	132,800
Central	48,000	47,000	12.3	12.6	590,000	59,000	54,200	10.2	11.1	581,000
Barnes	15,500	15,300	13.6	13.8	210,700	15,200	14,600	13.1	13.7	202,400
Cass	7,000	6,800	14.4	14.8	100,500	8,800	8,600	15.7	16.2	138,900
Griggs	6,500	6,500	13.1	13.1	84,900	8,600	8,500	11.6	11.8	101,900
Steele	3,500	3,500	13.7	13.7	47,800	7,500	7,200	13.3	13.8	102,700
Traill	2,500	2,400	12.6	13.1	31,400	5,200	5,000	12.5	13.0	66,600
East Central	35,000	34,500	13.6	13.8	475,300	45,300	43,800	13.3	13.8	612,500
Adams	500	500	9.2	9.2	4,600	1,300	1,300	7.3	7.7	9,700
Billings	200	200	8.5	8.5	1,700	700	700	8.0	8.4	5,600
Bowman	300	200	5.3	8.0	1,600	1,200	1,100	7.8	8.4	9,300
Golden Valley	100	100	8.0	8.0	800	200	200	8.0	10.0	1,900
Hettinger	1,300	1,200	8.5	9.2	11,000	2,500	2,300	8.5	8.9	22,100
Slope	100	100	9.0	9.0	900	300	300	7.1	9.3	2,600
Stark	500	400	7.8	9.8	3,900	400	400	8.7	9.1	3,900
Southwest	3,000	2,700	8.2	9.1	24,500	6,700	6,200	8.0	8.6	55,000
Burleigh	7,100	6,400	10.9	12.1	77,700	7,800	6,700	7.9	9.0	58,200
Emmons	9,500	8,800	6.4	6.9	60,400	18,900	16,900	7.8	8.6	155,100
Grant	700	700	7.6	7.6	5,300	1,100	1,100	7.4	7.8	9,100
Morton	1,300	1,300	9.5	9.5	12,400	1,200	1,100	9.7	10.5	11,200
Sioux	400	300	6.0	8.0	2,400	500	400	6.6	7.7	3,200
South Central	19,000	17,500	8.3	9.0	158,200	29,500	26,200	8.0	8.9	236,900
Dickey	6,000	5,600	9.9	10.6	59,600	16,200	15,600	9.8	10.2	156,000
LaMoure	20,000	19,500	12.0	12.3	240,200	20,100	19,600	13.0	13.3	254,000
Logan	9,200	9,100	12.5	12.6	114,900	17,100	15,700	9.7	10.3	162,000
McIntosh	27,000	26,800	9.1	9.1	244,900	38,700	35,900	7.4	7.7	270,500
Ransom	3,000	3,000	11.9	11.9	35,700	5,100	4,900	12.2	12.6	63,900
Richland	4,000	4,000	15.5	15.5	62,100	6,100	5,900	13.9	14.3	83,900
Sargent	4,800	4,800	14.5	14.5	69,500	7,300	7,100	13.5	13.9	96,100
Southeast	74,000	72,800	11.2	11.4	826,900	110,600	104,800	10.1	10.5	1,086,400
STATE	350,000	340,000	12.1	12.5	4,250,000	458,000	428,000	10.7	11.4	4,831,000

1/ Totals may not add due to rounding.

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1982 (Preliminary)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	1,500	1,500	---	---	---	1,500	5.8	8,700	---
Divide	500	400	100	40.0	4,000	300	9.7	2,900	---
Mountrail	3,500	3,400	1,000	50.0	50,000	2,200	5.8	12,700	200
Renville	2,000	1,900	400	45.0	18,000	1,400	7.6	10,700	100
Ward	6,000	5,900	3,500	45.3	158,400	2,400	5.8	14,000	---
Williams	1,500	1,400	500	50.0	25,000	900	16.7	15,000	---
Northwest	15,000	14,500	5,500	46.4	255,400	8,700	7.4	64,000	300
Benson	9,000	8,900	5,100	66.5	339,000	3,600	6.9	24,900	200
Bottineau	3,000	3,000	800	35.0	28,000	2,200	7.2	15,900	---
McHenry	11,500	11,200	4,300	50.4	216,800	6,800	8.5	57,800	100
Pierce	6,500	6,400	1,300	45.8	59,600	5,100	10.2	51,900	---
Rolette	2,000	2,000	500	60.0	30,000	1,500	9.8	14,700	---
North Central	32,000	31,500	12,000	56.1	673,400	19,200	8.6	165,200	300
Cavalier	1,000	900	800	70.0	56,000	100	6.0	600	---
Grand Forks	23,000	22,900	20,500	65.9	1,350,500	2,300	6.1	14,000	100
Nelson	5,000	4,900	3,600	46.7	168,000	1,300	9.0	11,700	---
Pembina	15,500	15,400	13,000	51.0	663,000	2,300	10.1	23,200	100
Ramsey	1,500	1,400	1,000	50.0	50,000	400	4.8	1,900	---
Towner	1,500	1,500	1,100	40.0	44,000	400	7.8	3,100	---
Walsh	10,500	10,400	7,000	48.0	336,000	3,300	7.3	24,100	100
Northeast	58,000	57,400	47,000	56.8	2,667,500	10,100	7.8	78,600	300
Dunn	17,000	16,700	500	50.0	25,000	15,800	5.3	84,200	400
McKenzie	3,000	2,900	500	50.0	25,000	2,100	15.9	33,400	300
McLean	9,000	8,700	3,500	61.4	214,900	5,000	8.6	43,000	200
Mercer	13,500	13,300	3,800	57.7	219,400	9,200	5.4	49,400	300
Oliver	17,500	17,400	2,700	50.0	135,000	13,900	8.1	112,100	800
West Central	60,000	59,000	11,000	56.3	619,300	46,000	7.0	322,100	2,000
Eddy	7,000	6,900	2,700	45.8	123,600	4,000	7.7	30,600	200
Foster	9,500	9,400	3,800	49.8	189,200	5,600	6.8	38,000	---
Kidder	19,000	18,900	6,100	91.3	557,000	12,600	7.0	88,500	200
Sheridan	4,000	3,900	1,600	50.6	81,000	2,200	5.9	13,000	100
Stutsman	26,000	25,900	8,800	55.2	486,100	17,100	6.7	115,300	---
Wells	11,500	11,000	7,000	44.0	308,000	3,800	7.4	28,300	200
Central	77,000	76,000	30,000	58.2	1,744,900	45,300	6.9	313,700	700
Barnes	22,000	21,900	15,000	53.5	802,400	6,200	5.1	31,900	700
Cass	81,000	80,900	76,000	69.4	5,275,600	4,700	7.7	36,000	200
Griggs	7,000	6,900	2,500	52.5	131,300	4,300	6.4	27,700	100
Steele	8,000	7,900	7,500	84.2	631,600	400	9.3	3,700	---
Traill	8,000	7,900	7,000	91.1	638,000	900	10.2	9,200	---
East Central	126,000	125,500	108,000	69.2	7,478,900	16,500	6.6	108,500	1,000
Adams	9,000	8,900	400	60.0	24,000	8,100	4.9	39,900	400
Billings	1,300	1,200	---	---	---	1,100	3.2	3,500	100
Bowman	2,500	2,400	---	---	---	2,300	4.3	9,800	100
Golden Valley	1,500	1,400	500	45.0	22,500	800	8.1	6,500	100
Hettinger	4,500	4,400	600	50.0	30,000	3,400	3.2	11,000	400
Slope	2,200	2,100	---	---	---	2,000	6.5	13,000	100
Stark	11,000	10,800	1,500	35.0	52,500	9,000	5.6	50,100	300
Southwest	32,000	31,200	3,000	43.0	129,000	26,700	5.0	133,800	1,500
Burleigh	17,000	16,800	4,000	55.0	220,000	12,100	6.1	74,000	700
Emmons	30,000	29,400	3,000	76.0	228,000	25,300	4.6	117,400	1,100
Grant	25,000	24,300	2,500	55.1	137,700	20,700	6.2	127,900	1,100
Morton	33,000	32,600	4,000	52.2	208,800	27,600	6.2	172,100	1,000
Sioux	5,000	4,400	---	---	---	4,300	4.2	17,900	100
South Central	110,000	107,500	13,500	58.9	794,500	90,000	5.7	509,300	4,000
Dickey	51,000	50,500	28,500	73.1	2,082,300	21,200	4.4	93,000	800
LaMoure	32,000	31,900	23,000	61.6	1,417,500	8,900	7.7	68,800	--
Logan	13,000	12,900	1,000	54.0	54,000	11,600	4.3	49,400	300
McIntosh	10,000	9,900	500	35.0	17,500	9,000	4.1	36,800	400
Ransom	62,000	61,200	52,000	80.8	4,201,500	9,100	8.7	78,800	100
Richland	166,000	165,200	155,000	75.3	11,663,800	10,000	7.0	70,200	200
Sargent	46,000	45,800	30,000	52.0	1,560,500	15,700	4.2	65,800	100
Southeast	380,000	377,400	290,000	72.4	20,997,100	85,500	5.4	462,800	1,900
STATE	890,000	880,000	520,000	68.0	35,360,000	348,000	6.2	2,158,000	12,000

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1981 (Revised)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	1,000	1,000	---	---	---	1,000	5.2	5,200	---
Divide	300	300	---	---	---	300	9.3	2,800	---
Mountrail	2,500	2,300	1,200	21.0	25,200	1,100	5.2	5,700	---
Renville	1,800	1,800	1,000	30.0	30,000	800	5.6	4,500	
Ward	5,400	5,400	3,500	75.4	263,900	1,900	7.7	14,700	---
Williams	800	800	---	---	---	800	11.1	8,900	---
Northwest	11,800	11,600	5,700	56.0	319,100	5,900	7.1	41,800	---
Benson	7,300	7,200	3,700	82.8	306,200	3,200	9.0	28,700	300
Bottineau	3,800	3,800	1,000	33.0	33,000	2,800	6.0	16,800	---
McHenry	14,000	13,800	4,300	67.7	290,900	9,100	5.3	48,500	400
Pierce	8,800	8,800	800	71.4	57,100	8,000	7.0	56,300	---
Rolette	1,200	1,000	200	71.5	14,300	800	10.0	8,000	---
North Central	35,100	34,600	10,000	70.2	701,500	23,900	6.6	158,300	700
Cavalier	1,200	1,100	600	49.0	29,400	400	8.8	3,500	100
Grand Forks	21,700	21,600	18,200	82.8	1,507,600	3,300	7.8	25,800	100
Nelson	5,100	5,000	4,500	57.1	257,000	500	5.2	2,600	---
Pembina	17,400	17,200	15,300	74.0	1,132,200	1,800	8.9	16,000	100
Ramsey	1,900	1,900	1,400	67.0	93,800	500	5.4	2,700	---
Towner	1,500	1,500	500	60.0	30,000	900	9.3	8,400	100
Walsh	13,300	13,200	9,700	76.2	739,500	3,400	6.2	21,100	100
Northeast	62,100	61,500	50,200	75.5	3,789,500	10,800	7.4	80,100	500
Dunn	20,500	20,300	100	18.0	1,800	19,200	5.2	99,300	1,000
McKenzie	3,500	3,400	1,300	64.6	84,000	2,000	15.2	30,300	100
McLean	7,300	7,200	2,100	57.2	120,100	5,000	9.5	47,600	100
Mercer	11,900	11,700	1,100	45.1	49,600	10,500	5.5	58,100	100
Oliver	10,800	10,600	200	30.0	6,000	8,900	8.2	73,400	1,500
West Central	54,000	53,200	4,800	54.5	261,500	45,600	6.8	308,700	2,800
Eddy	6,500	6,500	2,500	77.2	193,100	4,000	7.6	30,200	---
Foster	10,500	10,500	5,600	84.1	470,900	4,900	9.3	45,600	---
Kidder	20,700	20,600	5,700	112.7	642,500	14,700	6.5	95,100	200
Sheridan	4,500	4,500	500	75.0	37,500	4,000	5.9	23,400	---
Stutsman	24,900	24,800	13,100	65.9	863,600	11,700	8.9	104,400	---
Wells	11,900	11,700	5,200	84.0	436,800	6,300	8.6	54,100	200
Central	79,000	78,600	32,600	81.1	2,644,400	45,600	7.7	352,800	400
Barnes	23,200	23,200	16,800	69.5	1,167,000	6,300	9.2	58,000	100
Cass	76,200	76,200	69,000	83.0	5,726,600	7,200	10.9	78,200	---
Griggs	7,000	7,000	2,500	72.8	182,000	4,500	9.2	41,600	---
Steele	7,300	7,300	6,300	96.7	608,900	1,000	7.1	7,100	---
Traill	5,300	5,300	4,400	93.4	411,100	900	13.4	12,100	---
East Central	119,000	119,000	99,000	81.8	8,095,600	19,900	9.9	197,000	100
Adams	10,600	10,400	---	---	---	9,400	4.2	39,500	1,000
Billings	1,400	1,300	---	---	---	1,000	3.1	3,100	200
Bowman	4,100	4,100	---	---	---	3,800	4.9	18,500	300
Golden Valley	1,700	1,300	100	39.0	3,900	900	8.4	7,600	300
Hettinger	4,700	4,600	---	---	---	4,200	4.8	20,000	400
Slope	2,600	2,600	---	---	---	2,400	7.3	17,600	200
Stark	13,900	13,400	---	---	---	12,800	4.8	60,900	600
Southwest	39,000	37,700	100	39.0	3,900	34,500	4.9	167,500	3,100
Burleigh	23,000	22,800	2,300	77.6	178,500	19,200	8.0	152,900	1,300
Emmons	34,900	34,700	7,300	67.7	493,900	26,900	7.4	200,000	500
Grant	27,800	27,600	6,700	38.3	256,300	19,500	6.2	121,400	1,400
Morton	34,500	34,300	2,500	36.1	90,200	30,400	7.4	224,500	1,400
Sioux	6,800	6,700	---	---	---	6,500	5.4	34,800	200
South Central	127,000	126,100	18,800	54.2	1,018,900	102,500	7.2	733,600	4,800
Dickey	51,500	50,500	33,000	77.3	2,551,400	17,100	8.9	151,400	400
LaMoure	30,000	29,900	14,800	63.9	945,600	15,100	8.6	129,200	---
Logan	15,000	14,800	2,400	52.7	126,400	12,000	7.0	83,400	400
McIntosh	13,800	13,700	1,600	55.0	88,000	12,000	7.9	94,300	100
Ransom	60,000	59,800	53,000	86.5	4,583,800	6,700	10.0	67,200	100
Richland	158,000	157,300	151,000	91.0	13,745,100	5,800	8.0	46,200	500
Sargent	44,700	44,700	36,000	74.4	2,678,300	8,600	7.0	60,500	100
Southeast	373,000	370,700	291,800	84.7	24,718,600	77,300	8.2	632,200	1,600
STATE	900,000	893,000	513,000	81.0	41,553,000	366,000	7.3	2,672,000	14,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, North Dakota, 1982 (Preliminary)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,000	1.30	11,700	26,000	1.40	36,300	35,000	1.35	48,000
Divide	13,000	1.60	20,800	20,000	1.55	31,000	33,000	1.55	51,800
Mountrail	33,000	1.95	65,000	60,000	1.70	102,100	93,000	1.80	167,100
Renville	12,000	1.40	16,800	8,000	1.50	12,000	20,000	1.45	28,800
Ward	39,000	1.70	66,300	36,000	1.30	46,800	75,000	1.50	113,100
Williams	34,000	2.10	71,400	20,000	1.30	26,000	54,000	1.80	97,400
Northwest	140,000	1.80	252,000	170,000	1.50	254,200	310,000	1.65	506,200
Benson	25,000	1.60	40,000	36,000	1.30	46,800	61,000	1.40	86,800
Bottineau	36,000	1.70	61,200	26,000	1.95	50,700	62,000	1.80	111,900
McHenry	60,000	1.90	114,000	134,000	1.35	181,000	194,000	1.50	295,000
Pierce	21,000	1.75	36,800	41,000	1.30	53,400	62,000	1.45	90,200
Rolette	28,000	2.25	63,000	23,000	1.35	31,100	51,000	1.85	94,100
North Central	170,000	1.85	315,000	260,000	1.40	363,000	430,000	1.60	678,000
Cavalier	4,000	2.50	10,000	8,000	2.00	16,000	12,000	2.15	26,000
Grand Forks	17,000	2.60	44,200	8,000	1.30	10,400	25,000	2.20	54,600
Nelson	12,000	1.95	23,400	20,000	1.45	29,000	32,000	1.65	52,400
Pembina	6,000	2.35	14,100	6,000	1.25	7,500	12,000	1.80	21,600
Ramsey	5,000	2.60	13,000	10,000	2.10	21,000	15,000	2.25	34,000
Towner	3,000	2.50	7,500	13,000	1.55	20,100	16,000	1.75	27,600
Walsh	8,000	2.85	22,800	15,000	1.60	24,000	23,000	2.05	46,800
Northeast	55,000	2.45	135,000	80,000	1.60	128,000	135,000	1.95	263,000
Dunn	108,000	1.90	205,200	44,000	1.20	52,800	152,000	1.70	258,000
McKenzie	56,000	1.95	109,100	31,000	1.65	51,200	87,000	1.85	160,300
McLean	32,000	2.30	73,600	46,000	1.75	80,500	78,000	2.00	154,100
Mercer	26,000	2.10	54,600	24,000	1.80	43,200	50,000	1.95	97,800
Oliver	28,000	2.50	70,000	25,000	1.75	43,800	53,000	2.15	113,800
West Central	250,000	2.05	512,500	170,000	1.60	271,500	420,000	1.85	784,000
Eddy	25,000	1.85	46,300	15,000	1.10	16,500	40,000	1.55	62,800
Foster	20,000	2.40	48,000	13,000	1.15	15,000	33,000	1.90	63,000
Kidder	118,000	1.45	171,100	69,000	1.15	79,600	187,000	1.35	250,700
Sheridan	10,000	1.50	15,000	31,000	1.35	42,000	41,000	1.40	57,000
Stutsman	53,000	2.00	106,000	38,000	1.60	60,900	91,000	1.85	166,900
Wells	14,000	2.40	33,600	24,000	1.35	32,500	38,000	1.75	66,100
Central	240,000	1.75	420,000	190,000	1.30	246,500	430,000	1.55	666,500
Barnes	16,000	2.35	37,600	22,000	1.50	32,900	38,000	1.85	70,500
Cass	14,000	2.70	37,800	12,000	1.35	16,200	26,000	2.10	54,000
Griggs	15,000	2.45	36,700	22,000	1.25	27,500	37,000	1.75	64,200
Steele	4,000	2.50	9,900	8,000	1.40	11,200	12,000	1.75	21,100
Traill	6,000	3.50	21,000	6,000	1.70	10,200	12,000	2.60	31,200
East Central	55,000	2.60	143,000	70,000	1.40	98,000	125,000	1.95	241,000
Adams	45,000	2.00	90,000	32,000	1.50	48,100	77,000	1.80	138,100
Billings	35,000	2.20	77,000	23,000	1.55	35,700	58,000	1.95	112,700
Bowman	43,000	2.20	94,600	26,000	1.55	40,300	69,000	1.95	134,900
Golden Valley	17,000	1.70	28,900	23,000	1.25	28,700	40,000	1.45	57,600
Hettinger	38,000	2.00	76,000	20,000	1.35	27,000	58,000	1.80	103,000
Slope	35,000	1.90	66,500	12,000	1.40	16,800	47,000	1.75	83,300
Stark	52,000	2.20	114,500	44,000	1.65	72,700	96,000	1.95	187,200
Southwest	265,000	2.05	547,500	180,000	1.50	269,300	445,000	1.85	816,800
Burleigh	62,000	1.95	121,200	50,000	1.40	70,000	112,000	1.70	191,200
Emmons	45,000	1.80	81,000	60,000	1.40	83,900	105,000	1.55	164,900
Grant	52,000	2.00	104,000	48,000	1.75	84,000	100,000	1.90	188,000
Morton	71,000	2.55	181,300	60,000	1.80	107,800	131,000	2.20	289,100
Sioux	45,000	1.70	76,500	22,000	1.15	25,300	67,000	1.50	101,800
South Central	275,000	2.05	564,000	240,000	1.55	371,000	515,000	1.80	935,000
Dickey	41,000	1.70	69,700	23,000	1.25	28,700	64,000	1.55	98,400
LaMoure	28,000	2.70	75,600	22,000	1.40	30,800	50,000	2.15	106,400
Logan	45,000	2.30	103,500	53,000	1.35	71,500	98,000	1.80	175,000
McIntosh	44,000	1.65	72,600	43,000	1.45	62,300	87,000	1.55	134,900
Ransom	20,000	2.00	40,000	17,000	1.05	17,900	37,000	1.55	57,900
Richland	17,000	2.55	43,400	17,000	1.15	19,500	34,000	1.85	62,900
Sargent	25,000	1.85	46,200	15,000	1.05	15,800	40,000	1.55	62,000
Southeast	220,000	2.05	451,000	190,000	1.30	246,500	410,000	1.70	697,500
STATE	1,670,000	2.00	3,340,000	1,550,000	1.45	2,248,000	3,220,000	1.74	5,588,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, North Dakota 1981 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	11,000	1.00	11,000	24,000	1.30	31,300	35,000	1.20	42,300
Divide	12,000	1.10	13,200	17,000	1.45	24,700	29,000	1.30	37,900
Mountrail	32,000	1.20	38,400	51,000	1.35	69,100	83,000	1.30	107,500
Renville	11,000	1.15	12,700	6,000	1.35	8,100	17,000	1.20	20,800
Ward	39,000	1.70	66,200	36,000	1.35	48,700	75,000	1.55	114,900
Williams	30,000	1.35	40,500	26,000	1.00	26,100	56,000	1.20	66,600
Northwest	135,000	1.35	182,000	160,000	1.30	208,000	295,000	1.30	390,000
Benson	21,000	2.30	48,400	35,000	1.55	54,400	56,000	1.85	102,800
Bottineau	34,000	1.70	57,900	39,000	1.35	52,800	73,000	1.50	110,700
McHenry	56,000	1.65	92,600	120,000	1.40	168,500	176,000	1.50	261,100
Pierce	19,000	1.90	36,100	42,000	1.30	54,800	61,000	1.50	90,900
Rolette	20,000	1.75	35,000	24,000	1.35	32,500	44,000	1.55	67,500
North Central	150,000	1.80	270,000	260,000	1.40	363,000	410,000	1.55	633,000
Cavalier	5,000	1.80	9,000	13,000	1.55	20,200	18,000	1.60	29,200
Grand Forks	16,000	2.30	36,800	8,000	1.25	10,000	24,000	1.95	46,800
Nelson	11,000	1.85	20,300	20,000	1.25	25,000	31,000	1.45	45,300
Pembina	6,500	2.20	14,300	9,000	1.50	13,500	15,500	1.80	27,800
Ramsey	6,500	2.00	13,000	17,000	1.25	21,200	23,500	1.45	34,200
Towner	2,500	2.20	5,500	23,000	1.70	39,100	25,500	1.75	44,600
Walsh	10,500	2.20	23,100	20,000	1.80	36,000	30,500	1.95	59,100
Northeast	58,000	2.10	122,000	110,000	1.50	165,000	168,000	1.70	287,000
Dunn	87,000	.95	82,300	38,000	1.10	41,900	125,000	1.00	124,200
McKenzie	54,000	1.30	70,000	35,000	.90	31,600	89,000	1.15	101,600
McLean	30,000	2.20	65,900	52,000	1.65	86,000	82,000	1.85	151,900
Mercer	33,000	1.75	57,800	28,000	1.50	42,000	61,000	1.65	99,800
Oliver	28,000	1.75	49,000	27,000	1.20	32,500	55,000	1.50	81,500
West Central	232,000	1.40	325,000	180,000	1.30	234,000	412,000	1.35	559,000
Eddy	26,000	2.10	54,700	17,000	1.45	24,700	43,000	1.85	79,400
Foster	19,000	1.80	34,200	12,000	1.50	18,000	31,000	1.70	52,200
Kidder	100,000	1.35	135,400	62,000	1.20	74,700	162,000	1.30	210,100
Sheridan	11,000	1.90	20,900	26,000	1.50	39,000	37,000	1.60	59,900
Stutsman	50,000	2.40	120,000	38,000	1.75	66,600	88,000	2.10	186,600
Wells	14,000	2.20	30,800	25,000	1.85	46,300	39,000	2.00	77,100
Central	220,000	1.80	396,000	180,000	1.50	269,300	400,000	1.65	665,300
Barnes	22,000	2.05	45,200	27,000	1.30	35,000	49,000	1.65	80,200
Cass	18,000	2.80	50,400	9,000	1.70	15,300	27,000	2.45	65,700
Griggs	20,000	1.60	32,000	20,000	1.70	33,900	40,000	1.65	65,900
Steele	5,000	2.40	12,000	7,000	1.40	9,800	12,000	1.80	21,800
Traill	7,000	3.20	22,400	7,000	2.10	14,700	14,000	2.65	37,100
East Central	72,000	2.25	162,000	70,000	1.55	108,700	142,000	1.90	270,700
Adams	32,000	1.30	41,700	28,000	.85	23,900	60,000	1.10	65,600
Billings	28,000	.65	18,300	20,000	1.25	25,000	48,000	.90	43,300
Bowman	39,000	1.15	44,900	28,000	.80	22,500	67,000	1.00	67,400
Golden Valley	14,000	1.25	17,500	20,000	1.40	28,000	34,000	1.35	45,500
Hettinger	31,000	1.05	32,600	21,000	1.10	23,100	52,000	1.05	55,700
Slope	29,000	1.00	29,000	13,000	.85	11,000	42,000	.95	40,000
Stark	50,000	1.00	50,000	40,000	.90	36,000	90,000	.95	86,000
Southwest	223,000	1.05	234,000	170,000	1.00	169,500	393,000	1.05	403,500
Burleigh	74,000	1.50	111,300	53,000	1.50	79,500	127,000	1.50	190,800
Emmons	45,000	1.85	83,400	83,000	1.25	103,400	128,000	1.45	186,800
Grant	58,000	1.30	75,600	50,000	1.25	62,300	108,000	1.30	137,900
Morton	69,000	1.50	103,700	75,000	1.45	109,000	144,000	1.50	212,700
Sioux	44,000	.75	33,000	29,000	1.25	36,300	73,000	.95	69,300
South Central	290,000	1.40	407,000	290,000	1.35	390,500	580,000	1.40	797,500
Dickey	43,000	2.05	88,000	24,000	1.50	36,000	67,000	1.85	124,000
LaMoure	25,000	1.75	43,700	27,000	1.50	40,500	52,000	1.60	84,200
Logan	50,000	2.20	109,800	54,000	1.40	75,500	104,000	1.80	185,300
McIntosh	40,000	2.00	79,800	48,000	1.50	72,000	88,000	1.75	151,800
Ransom	25,000	2.10	52,400	20,000	1.30	26,000	45,000	1.75	78,400
Richland	15,000	3.10	46,500	20,000	1.30	26,000	35,000	2.05	72,500
Sargent	22,000	1.90	41,800	17,000	1.00	17,000	39,000	1.50	58,800
Southeast	220,000	2.10	462,000	210,000	1.40	293,000	430,000	1.75	755,000
STATE	1,600,000	1.60	2,560,000	1,630,000	1.35	2,201,000	3,230,000	1.47	4,761,000

POTATOES, SOYBEANS & SUGARBEETS

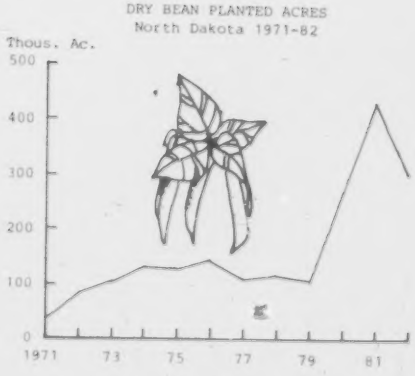
Acreage, Yield and Production by Counties, North Dakota, 1981 (Revised) and 1982 (Preliminary)

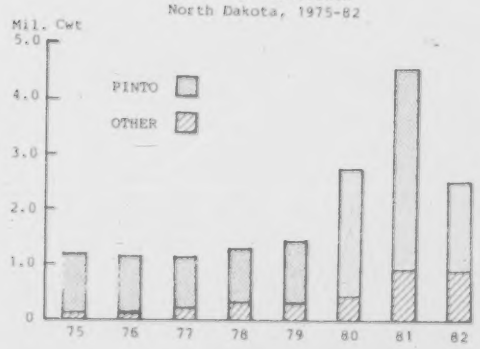
County	1981					1982				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
POTATOES										
Grand Forks	26,500	25,500	180	185	4,744,000	27,500	27,000	155	155	4,201,000
Pembina	28,000	27,000	175	180	4,888,000	28,000	25,500	130	145	3,709,000
Towner	2,100	2,000	180	190	382,000	2,700	2,400	145	165	397,000
Walsh	55,500	54,000	160	165	8,992,000	57,000	53,500	140	150	8,049,000
Traill	5,500	5,200	165	175	910,000	5,400	5,300	135	135	718,000
Other Counties	1,400	1,300	150	160	209,000	1,400	1,300	125	135	176,000
STATE	119,000	115,000	170	175	20,125,000	122,000	115,000	140	150	17,250,000
SOYBEANS										
			(Bu.)	(Bu.)	(Bu.)			(Bu.)	(Bu.)	(Bu.)
Bottineau	200	200	12.0	12.0	2,400	--	--	--	--	--
Grand Forks	13,000	12,000	21.7	23.5	282,000	29,000	28,700	16.9	17.0	488,800
Nelson	--	--	--	--	--	1,400	1,300	12.1	13.0	16,900
Pembina	8,900	8,300	22.9	24.5	203,400	16,000	15,600	16.1	16.5	257,900
Ramsey	--	--	--	--	--	500	500	12.0	12.0	6,000
Towner	--	--	--	--	--	800	800	18.5	18.5	14,800
Walsh	4,200	4,100	22.5	23.0	94,300	7,300	6,900	13.3	14.0	96,800
Eddy	600	600	18.0	18.0	10,800	400	400	10.0	10.0	4,000
Foster	300	300	19.0	19.0	5,700	1,000	1,000	10.0	10.0	10,000
Stutsman	800	800	19.0	19.0	15,200	1,200	1,100	13.8	15.0	16,500
Wells	200	100	9.0	18.0	1,800	600	600	12.0	12.0	7,200
Barnes	900	800	21.8	24.5	19,600	2,300	2,200	17.3	18.0	39,700
Cass	85,000	84,000	29.2	29.6	2,484,000	121,000	120,900	23.0	23.0	2,785,800
Griggs	600	600	23.0	23.0	13,800	2,200	2,000	13.7	15.1	30,100
Steele	4,300	4,200	26.9	27.5	115,500	11,000	10,900	19.9	20.0	218,400
Traill	24,000	23,500	30.4	31.0	728,700	40,500	40,300	24.9	25.0	1,009,300
Dickey	--	--	--	--	--	2,500	2,400	12.5	13.0	31,200
LaMoure	600	500	17.5	21.0	10,500	2,300	2,200	13.0	13.5	29,800
McIntosh	--	--	--	--	--	100	100	13.0	13.0	1,300
Ransom	4,900	4,700	23.5	24.5	115,100	5,900	5,800	14.3	14.5	84,300
Richland	83,000	82,000	27.3	27.6	2,266,200	99,000	96,600	20.5	21.0	2,032,300
Sargent	3,000	2,900	21.3	22.0	63,800	3,700	3,600	12.7	13.0	46,900
Other Counties	500	400	14.4	18.0	7,200	1,300	1,100	13.1	15.5	17,000
STATE	235,000	230,000	27.4	28.0	6,440,000	350,000	345,000	20.7	21.0	7,245,000
SUGARBEETS										
			(Tons)	(Tons)	(Tons)			(Tons)	(Tons)	(Tons)
Williams	3,000	3,000	18.8	18.8	56,400	3,100	3,100	20.1	20.1	62,400
Grand Forks	12,100	12,000	18.7	18.9	226,200	11,800	11,600	16.1	16.3	189,400
Pembina	24,500	24,400	20.1	20.2	492,400	25,100	24,900	17.2	17.3	431,400
Walsh	27,200	27,100	20.8	20.8	564,400	26,400	26,200	17.8	17.9	469,700
McKenzie	6,000	6,000	20.7	20.7	123,900	6,500	6,500	22.6	22.6	147,100
Cass	20,000	20,000	16.4	16.4	328,200	19,300	19,200	14.9	15.0	288,400
Traill	26,700	26,600	19.5	19.6	521,300	27,400	27,300	17.6	17.6	481,300
Richland	25,800	25,500	14.6	14.8	377,300	25,800	25,700	15.6	15.6	401,500
Other Counties	300	300	16.3	16.3	4,900	300	300	16.0	16.0	4,800
STATE	145,600	144,900	18.5	18.6	2,695,000	145,700	144,800	17.0	17.1	2,476,000

DRY BEANS

DRY BEANS: Acreage, Yield and Production by Counties, North Dakota, 1981 (Revised) and 1982 (Preliminary)

District and County	1981					1982				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)
Ward	400	400	1180	1180	4,720	100	100	1250	1250	1,250
Williams	900	900	1860	1860	16,722	1,000	900	1850	2050	18,450
Benson	2,300	2,300	1000	1000	22,950	600	600	1200	1200	7,200
Bottineau	2,700	2,600	840	870	22,620	1,000	900	840	930	8,360
Pierce	2,300	2,200	860	900	19,800	500	500	910	910	4,540
Cavalier	13,500	13,200	730	740	98,200	4,000	2,300	690	1200	27,600
Grand Forks	90,000	87,000	1040	1080	939,578	63,000	54,000	970	1130	610,200
Nelson	12,500	12,000	930	970	116,755	2,800	2,400	830	970	23,280
Pembina	71,500	68,000	750	790	537,282	45,000	28,000	450	730	204,050
Ramsey	5,800	5,700	980	990	56,626	1,700	1,500	710	800	12,000
Towner	2,700	2,600	1050	1090	28,226	1,500	1,300	820	950	12,350
Walsh	50,000	47,500	970	1020	486,480	37,000	19,500	420	800	155,420
McKenzie	1,700	1,600	1520	1620	25,883	1,500	1,300	1300	1500	19,470
McLean	3,000	2,900	1270	1310	37,990	1,200	1,200	1100	1100	13,200
Mercer	1,100	1,100	1260	1260	13,860	300	200	530	800	1,600
Eddy	800	800	1270	1270	10,129	500	500	1030	1030	5,150
Foster	--	--	--	--	--	800	700	890	1020	7,140
Kidder	--	--	--	--	--	300	200	730	1100	2,200
Sheridan	1,000	1,000	1000	1000	9,996	300	300	980	980	2,950
Stutsman	2,800	2,700	1280	1330	35,910	1,100	1,100	950	950	10,450
Wells	10,500	10,200	1210	1250	127,500	5,000	4,800	1010	1050	50,390
Barnes	1,900	1,900	1370	1370	26,030	1,500	1,400	680	730	10,260
Cass	28,200	27,500	1450	1490	409,511	38,500	31,500	690	850	266,880
Griggs	9,400	9,100	1160	1190	108,593	6,000	5,600	850	910	50,960
Steele	32,000	31,000	1210	1240	385,740	26,000	24,000	1090	1180	283,400
Traill	39,000	38,000	1240	1270	484,471	35,000	32,500	1320	1420	461,500
Bowman	500	500	850	850	4,250	600	600	890	890	5,340
Hettinger	700	700	950	950	6,650	1,500	1,400	770	830	11,620
Burleigh	1,000	1,000	1350	1350	13,505	200	200	800	800	1,600
Emmons	1,800	1,700	1420	1500	25,500	300	300	1130	1130	3,400
Dickey	5,400	5,300	880	890	47,362	600	600	1200	1200	7,200
LaMoure	8,700	8,600	1290	1300	112,033	4,100	3,900	880	930	36,270
Ransom	6,900	6,800	1240	1260	85,534	4,600	4,400	1110	1160	50,940
Richland	13,500	13,000	1400	1460	189,552	9,900	9,300	1090	1160	107,880
Sargent	4,400	4,200	980	1020	42,959	1,700	1,700	1330	1330	22,610
Other Counties	1,100	1,000	1100	1210	12,083	300	300	960	960	2,890
STATE	430,000	415,000	1060	1100	4,565,000	300,000	240,000	840	1050	2,520,000





SUMMER FALLOW

Land Summer Fallowed by Counties, North Dakota, 1980-82

District and County	Total Acres Summer Fallowed		
	1980	1981 1/	1982 2/
	(Acres)	(Acres)	(Acres)
Burke	185,000	170,000	185,000
Divide	250,000	235,000	230,000
Mountrail	265,000	250,000	240,000
Renville	170,000	145,000	130,000
Ward	300,000	240,000	230,000
Williams	370,000	330,000	355,000
Northwest	1,540,000	1,370,000	1,370,000
Benson	150,000	110,000	120,000
Bottineau	285,000	190,000	215,000
McHenry	165,000	135,000	120,000
Pierce	125,000	90,000	75,000
Rolette	95,000	75,000	70,000
North Central	820,000	600,000	600,000
Cavalier	165,000	110,000	110,000
Grand Forks	80,000	65,000	60,000
Nelson	105,000	85,000	70,000
Pembina	55,000	55,000	55,000
Ramsey	170,000	135,000	140,000
Towner	165,000	100,000	105,000
Walsh	140,000	70,000	70,000
Northeast	880,000	620,000	610,000
Dunn	110,000	95,000	125,000
McKenzie	205,000	140,000	165,000
McLean	305,000	250,000	240,000
Mercer	74,000	85,000	75,000
Oliver	36,000	40,000	35,000
West Central	730,000	610,000	640,000
Eddy	35,000	35,000	25,000
Foster	57,000	35,000	45,000
Kidder	63,000	35,000	40,000
Sheridan	130,000	105,000	85,000
Stutsman	180,000	115,000	130,000
Wells	135,000	95,000	105,000
Central	600,000	420,000	430,000
Barnes	74,000	55,000	80,000
Cass	25,000	10,000	45,000
Griggs	55,000	50,000	40,000
Steele	36,000	30,000	35,000
Traill	30,000	15,000	20,000
East Central	220,000	160,000	220,000
Adams	142,000	110,000	85,000
Billings	39,000	35,000	30,000
Bowman	133,000	130,000	120,000
Golden Valley	99,000	80,000	90,000
Hettinger	230,000	190,000	180,000
Slope	113,000	125,000	115,000
Stark	174,000	160,000	160,000
Southwest	930,000	830,000	780,000
Burleigh	125,000	75,000	85,000
Emmons	68,000	65,000	50,000
Grant	111,000	95,000	125,000
Morton	128,000	95,000	100,000
Sioux	38,000	30,000	30,000
South Central	470,000	360,000	390,000
Dickey	22,000	25,000	40,000
LaMoure	68,000	70,000	60,000
Logan	70,000	55,000	50,000
McIntosh	55,000	45,000	40,000
Ransom	19,000	15,000	20,000
Richland	14,000	10,000	30,000
Sargent	12,000	10,000	20,000
Southeast	260,000	230,000	260,000
STATE	6,450,000	5,200,000	5,300,000

1/ Revised. 2/ Preliminary.

STORAGE CAPACITY

Commercial Grain Storage Capacity by Counties, North Dakota, January 1, 1981-83

District and County	1981 Capacity	1982 Capacity 1/	1983 2/	
			No. of Houses	Capacity
	(000 Bu.)	(000 Bu.)	(No.)	(000 Bu.)
Burke	1,021	983	5	732
Divide	1,515	1,504	8	1,535
Mountrail	2,712	2,765	13	2,686
Renville	1,380	1,390	8	1,402
Ward	6,739	6,650	17	7,585
Williams	3,293	3,234	14	3,139
Northwest	16,660	16,526	65	17,079
Benson	2,679	2,753	14	2,894
Bottineau	3,431	3,313	14	3,571
McHenry	2,898	2,903	13	2,967
Pierce	992	974	4	895
Rolette	834	890	4	798
North Central	10,834	10,833	49	11,125
Cavalier	2,549	2,473	19	2,473
Grand Forks	14,567	14,732	22	14,555
Nelson	3,437	3,507	14	4,239
Pembina	2,918	3,043	17	3,236
Ramsey	4,103	4,066	19	3,964
Towner	2,332	2,270	10	2,385
Walsh	5,014	4,967	16	4,887
Northeast	34,920	35,058	117	35,739
Dunn	779	780	5	746
McKenzie	1,505	1,368	7	1,390
McLean	4,392	4,055	11	3,948
Mercer	1,230	1,232	4	1,119
Oliver	--	--	--	--
West Central	7,906	7,435	27	7,203
Eddy	853	905	5	905
Foster	5,392	5,105	8	5,594
Kidder	815	815	5	798
Sheridan	860	870	5	875
Stutsman	15,435	15,056	15	15,043
Wells	3,194	3,255	14	3,629
Central	26,549	26,006	52	26,844
Barnes	5,810	6,840	19	6,383
Cass	10,601	10,736	35	11,098
Griggs	2,131	2,138	10	2,191
Steele	1,853	1,877	6	1,743
Traill	4,243	4,264	12	4,840
East Central	24,638	25,855	82	26,255
Adams	1,643	1,528	6	1,657
Billings	--	--	--	--
Bowman	2,404	2,482	5	2,505
Golden Valley	910	911	6	890
Hettinger	1,885	1,817	9	1,927
Slope	--	--	--	--
Stark	3,383	3,285	10	3,522
Southwest	10,225	10,023	36	10,501
Burleigh	1,532	1,526	6	1,526
Emmons	1,326	1,332	8	1,348
Grant	966	970	7	1,029
Morton	2,024	2,015	9	1,952
Sioux	172	180	2	200
South Central	6,020	6,023	32	6,055
Dickey	2,711	2,733	9	2,847
LaMoure	3,074	3,049	12	3,027
Logan	1,419	1,394	6	1,441
McIntosh	1,240	1,489	9	1,556
Ransom	1,070	1,055	6	1,465
Richland	5,361	5,389	20	5,448
Sargent	2,183	2,244	12	2,250
Southeast	17,058	17,353	74	18,034
STATE	154,810	155,112	534	158,835

LIVESTOCK

DAIRY

POULTRY

NORTH DAKOTA LIVESTOCK

CATTLE

Cattle and calves on North Dakota farms and ranches totaled 2.1 million head on January 1, 1983, an increase of 5 percent from the previous year. All classes, except bulls, showed increases. Beef cow numbers rose 6 percent and dairy 2 percent. The 1982 calf crop of 1,070,000 head was up 2 percent. The number of cattle farms in 1982 was down 2 percent from the previous year while the number of dairy farms was down 5 percent to 4,000 farms.

Value of cattle and calves on hand January 1 was estimated at 871.5 million dollars, up 1 percent. However, value per head fell for the third consecutive year, to $415, versus $430 per head on January 1, 1982 and $510 per head on January 1, 1981.

HOGS

The December 1, 1982 hog and pig inventory totaled 210,000, a 25 percent decrease from the previous year and the lowest inventory since December 1 records began in 1965. Number kept for breeding dropped 15 percent to 34,000 while the market hog inventory, at 176,000 dropped 27 percent. Breeding and market hogs are both record lows. Number of farms with hogs in 1982 was only 3,000, down 19 percent from 1981.

Average value per head, at $94.00, was up 61 percent from 1981. Total value of hogs and pigs was $19.7 million, compared to $16.4 million in December, 1981.

SHEEP

The January 1, 1983 sheep inventory, at 222,000 head, showed a 21 percent decline from the previous year, as the economy and poor returns took their toll. Stock sheep and lamb inventory dropped 24 percent while the number of sheep and lambs on feed was down 6 percent. The 1982 lamb crop totaled 190,000 head, down 3 percent from 1981. Farms with sheep during 1982 were up slightly to 2,200

The value of the January, 1983 sheep and lamb inventory was $10.4 million compared to $15.3 million a year earlier. Average value per head was $47.00, compared to $54.50 on January, 1981.

Wool production dropped 9 percent from 1981.Sheep shorn dropped 10 percent but average fleece weight increased slightly. Value of wool production at $1.1 million, dropped 30 percent from 1981 because both price and production were down.

DAIRY & POULTRY

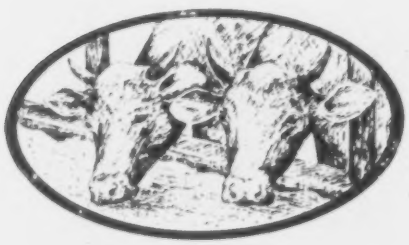
Milk production for 1982 was 1,005 million pounds, up 1 percent from 1981. Average milk per cow was 10,691 pounds, also up 1 percent. An average 94,000 cows were on farms during 1982, unchanged from the previous year.

Farm value of the milk produced in 1982 was $125.6 million, virtually the same as 1981. The average price was $12.50 per hundredweight, compared to $12.60 in 1981.

Chicken inventory on December 1, 1983 totaled 510,000, up 2 percent from the previous year. Number of laying age was down 4 percent from December, 1981, but pullets 3 months old and older were up 2 percent. Total value of chickens on December 1, 1983 at $918,000 was down 17 percent from December, 1981. Egg production, at 102 million eggs, jumped 16 percent from the previous year.

Number of Livestock Farms by Specie and Number of All Farms, North Dakota, 1973-1982

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
			- - - Thousand Head - - -		
1973	27.0	9.0	7.4	2.9	43.5
1974	27.0	8.0	6.4	2.6	43.0
1975	26.0	7.0	5.0	2.3	42.0
1976	24.5	6.0	5.1	2.0	41.5
1977	24.0	5.5	5.0	1.9	41.0
1978	22.0	5.1	4.8	1.8	41.0
1979	22.0	4.8	4.5	1.8	40.5
1980	21.0	4.2	4.0	2.1	40.0
1981	20.0	4.2	3.7	2.1	39.0
1982	19.5	4.0	3.0	2.2	38.0



Commercial Livestock Slaughter North Dakota, 1978-82

Year	Number	Average Liveweight Per Head	Total Liveweight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)
		CATTLE		
1978	116.9	1,059	123,791	NA
1979	57.3	1,144	65,581	NA
1980	134.5	1,051	141,435	NA
1981	165.7	1,060	175,693	NA
1982	170.0	1,071	182,003	NA
		HOGS		
1978	20.3	237	4,811	NA
1979	27.4	243	6,645	NA
1980	50.7	234	11,859	NA
1981	57.6	240	13,818	NA
1982	49.3	228	11,214	NA
		ALL SPECIES		
1978	138.2	NA	128,836	65,334
1979	85.7	NA	72,415	34,966
1980	186.5	NA	153,568	81,215
1981	224.7	NA	189,806	103,220
1982	220.6	NA	193,481	103,127

NA - Not Available.

Livestock Inventory and Value, North Dakota, January 1, 1981-1983

Species	Inventory			Value Per Head			Total Value		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	- - Thousand Head - -			- - Dollars - -			- - Thousand Dollars - -		
All Cattle	1,850	2,000	2,100	510.00	430.00	415.00	943,500	860,000	871,500
All Hogs 1/	265	280	210	65.50	58.50	94.00	17,358	16,380	19,740
All Sheep	272	280	222	70.00	54.50	47.00	19,040	15,260	10,434
All Chickens 1/	420	500	510	2.20	2.20	1.80	924	1,100	918

1/ Relates to December 1 previous year.

CATTLE

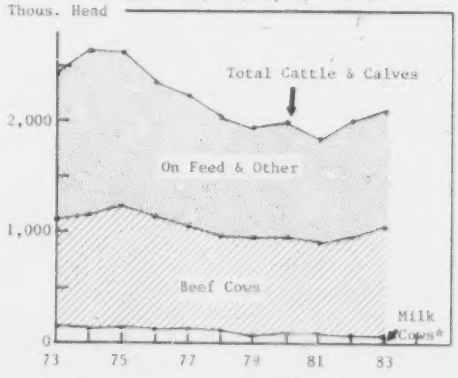
Cattle Inventory Numbers, North Dakota, Specified Dates, 1980-83

Class	1980		1981		1982	1983
	January 1	July 1	January 1	July 1	January 1	January 1
	- - - - - Thousand Head - - - - -					
ALL CATTLE	2,000	2,420	1,850	2,420	2,000	2,100
Cows & Heifers that have calved	1,055	1,098	1,003	1,092	1,070	1,130
Beef	962	1,005	910	999	978	1,036
Milk	93	93	93	93	92	94
Heifers over 500 lbs.	232	198	218	217	233	244
Beef Replacement	140	130	120	129	130	133
Milk Replacement	22	22	22	19	21	25
Other	70	46	76	69	82	86
Steers over 500 lbs.	143	127	148	123	160	166
Bulls over 500 lbs.	50	48	46	48	50	50
Steers, Heifers & Bulls under 500 lbs.	520	949	435	940	487	510

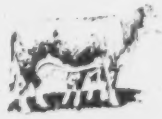
CATTLE: Production, Disposition & Income, North Dakota, 1980-82

Item	Unit	1980	1981	1982
Number on Hand Beginning of Yr.	000 Head	2,000	1,850	2,000
Calves Born	000 Head	1,060	1,050	1,070
Inshipments	000 Head	50	52	64
Marketings:				
Cattle	000 Head	760	583	612
Calves	000 Head	411	305	322
Total	000 Head	1,171	888	934
Farm Slaughter	000 Head	10	6	6
Deaths:				
Cattle	000 Head	19	18	22
Calves	000 Head	60	40	72
Total	000 Head	79	58	94
Number on Hand End of Yr.	000 Head	1,850	2,000	2,100
Production	000 Lbs.	818,240	808,500	802,710
Marketings	000 Lbs.	929,700	709,400	744,940
Price/100 Lbs.:				
Cattle	Dollars	61.10	55.30	52.30
Calves	Dollars	78.20	63.10	60.10
All Classes	Dollars	63.75	56.47	53.44
Cash Receipts	000 Dols.	592,645	400,586	398,105
Value of Home Consumption	000 Dols.	12,764	8,097	6,551
Gross Income	000 Dols.	605,409	408,683	404,656

CATTLE ON FARMS, North Dakota, January 1, 1973-83



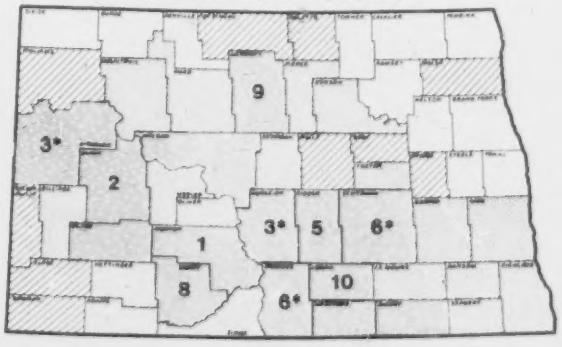
* Includes dairy replacement heifers.



HISTORIC CATTLE INVENTORY NUMBERS, North Dakota, January 1, 1974-83

Year	Cows That Have Calved		On Feed	Other	Total Cattle & Calves
	Beef	Dairy			
	- - - Thousand Head - - -				
1974	1,185	120	49	1,281	2,635
1975	1,242	116	36	1,241	2,635
1976	1,156	113	36	1,075	2,380
1977	1,065	108	35	1,027	2,235
1978	976	104	33	937	2,050
1979	962	96	34	875	1,967
1980	962	93	39	906	2,000
1981	910	93	37	810	1,850
1982	978	92	36	894	2,000
1983	1,036	94	39	931	2,100

DISTRIBUTION OF ALL CATTLE BY COUNTIES, North Dakota, January 1, 1983



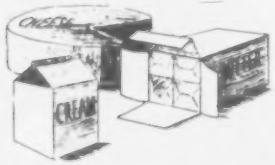
*Denotes tie in rankings.

DAIRY

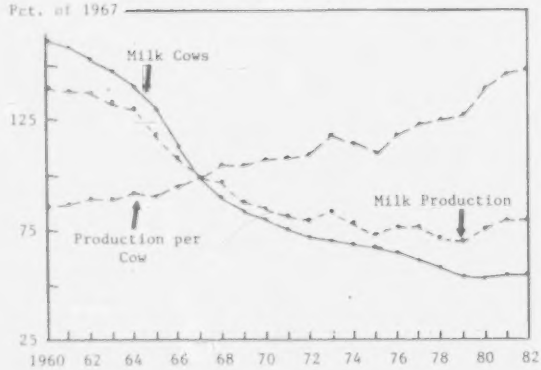
MILK: Production, Disposition & Income, North Dakota, 1981 (Revised), 1982 (Preliminary)

Item	Unit	1981	1982
Average Number of Milk Cows on Farms	000 Head	94	94
Production of Milk and Milkfat			
a) Per Cow, Milk	Pounds	10,585	10,691
b) Per Cow, Milkfat	Pounds	379	388
c) Percent of fat in Milk	Percent	3.58	3.63
d) Total:			
Milk	Mil.Lbs.	995	1,005
Milkfat	Mil.Lbs.	36	36
Milk Used on Farms Where Produced			
a) Fed to Calves	Mil.Lbs.	23	23
b) Used for milk cream & butter	Mil.Lbs.	12	12
c) Total	Mil.Lbs.	35	35
Milk Marketed by Farmers			
Sold to plants and dealers as whole milk 1/	Mil.Lbs.	960	970
Combined Marketing of Milk and Cream			
a) Milk utilized	Mil.Lbs.	960	970
b) Average returns			
1. Per 100 lbs. of milk	Dollars	12.60	12.50
2. Per lb. of milkfat	Dollars	3.52	3.44
c) Cash Receipts from marketing	000 $	120,960	121,250
Used for Milk, Cream and Butter on Farms Where Produced			
a) Milk utilized	Mil.Lbs.	12	12
b) Value	000 $	1,512	1,500
Gross Producer Income 2/	000 $	122,472	122,750
Farm Value of Milk Produced	000 $	125,370	125,625

1/ Includes small amount of farm skimmed cream and milk and cream retailed directly to consumer by producers.
2/ Cash receipts plus value of milk used for home consumption. NA - Not Available.



Index of Milk Production, Number of Milk Cows and Milk Per Cow North Dakota, 1960-82 (1967=100)



MILK PRODUCTION: Cows Milked, Production Per Cow and Total Production, North Dakota, by Months, 1981-1982

Month	No. of Cows Milked		Production Per Cow		Total Milk Produced	
	1981	1982	1981	1982	1981	1982
	(000 Hd.)		(Lbs.)		(Mil. Lbs.)	
January	94	92	850	870	80	80
February	94	92	790	810	74	75
March	94	93	910	940	86	87
April	94		980		92	
May	95	94	1,060	3,100	101	291
June	95		1,060		101	
July	95		1,030		98	
August	94	94	870	2,710	82	255
September	93		760		71	
October	92		750		69	
November	92	94	720	2,310	66	217
December	92		820		75	
ANNUAL 1/	94	94	10,585	10,691	995	1,005

1/ Average number on farms during year.

MONTHLY AMERICAN CHEESE & BUTTER PRODUCTION North Dakota, 1981-82

Month	American Cheese		Butter	
	1981	1982	1981	1982
	- - - - Thousand Pounds - - - -			
January	3,765	3,991	707	410
February	3,674	3,660	648	436
March	4,197	4,363	741	501
April	4,622		681	
May	5,353	14,393	631	1,406
June	5,843		444	
July	5,289		440	
August	4,412	12,991	466	1,225
September	3,605		271	
October	3,416		300	
November	3,440	10,461	346	1,276
December	4,090		313	
Total	51,706	49,859	5,988	5,254

Source: See table below.

MANUFACTURED DAIRY PRODUCTS PRODUCTION North Dakota, 1981-82

Item	Unit	1981	1982
Butter	000 Lbs.	5,988	5,254
American Cheese	000 Lbs.	51,706	49,859
Cottage Cheese Creamed	000 Lbs.	3,903	3,612
Lowfat Cottage Cheese	000 Lbs.	2,607	2,553
Non-Fat Dry Milk: Human Food	000 Lbs.	5,660	8,234
Dry Buttermilk	000 Lbs.	535	391
Ice Cream	000 Gals.	2,256	2,225
Ice Milk	000 Gals.	1,045	900
Milk Sherbet	000 Gals.	219	181
Ice Cream Mix	000 Gals.	1,126	1,098
Ice Milk Mix	000 Gals.	436	400
Milk Sherbet Mix	000 Gals.	136	114

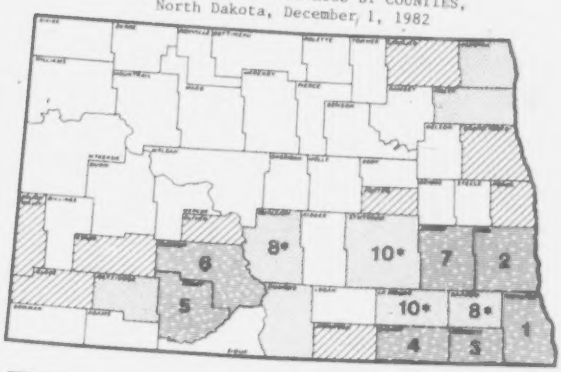
Source: N.D. State Dairy Commissioner and N.D. Crop and Livestock Reporting Service cooperating.

HOGS

Hog and Pig Inventory Numbers, North Dakota, Specified Dates, 1980-1982

Class	1980		1981		1982
	June 1	December 1	June 1	December 1	December 1
	- - - - - - - - Thousand Head - - - - - - - -				
ALL HOGS & PIGS	330	265	300	280	210
Kept for Breeding	48	40	44	40	34
Market	282	225	256	240	176
Market Hogs & Pigs by Weight Groups					
Under 60 Lbs.	140	83	142	72	58
60-119 Lbs.	62	56	56	81	50
120-179 Lbs.	46	45	31	58	36
180 Lbs. & Over	34	41	27	29	32
	Spring	Fall	Spring	Fall	Spring / Fall
PIG CROP					
Sows Farrowed	34	28	33	32	28 / 23
Pigs per Litter	7.2	7.5	7.2	7.4	7.1 / 7.4
Pig Crop	245	210	238	237	199 / 170

DISTRIBUTION OF ALL HOGS BY COUNTIES,
North Dakota, December 1, 1982



Less than 2,500 head

2,500 - 4,999 head

5,000 - 7,499 head

7,500 head & over

* Denotes tie in rankings.

HOGS: Production, Disposition & Income,
North Dakota, 1980-82

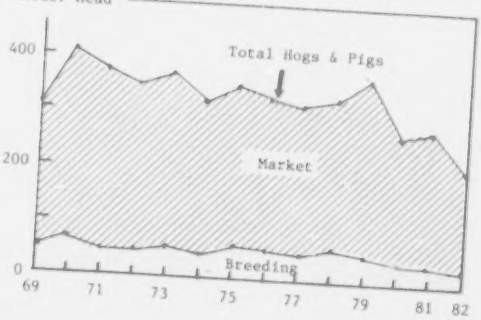
Item	Unit	1980	1981	1982
Number on Hand Beginning of Yr. 1/	000 Head	370	265	280
Pig Crop	000 Head	455	475	369
Inshipments	000 Head	15	10	16
Marketings	000 Head	510	408	403
Farm Slaughter	000 Head	15	12	7
Deaths	000 Head	50	50	45
Number on Hand End of Yr.	000 Head	265	280	210
Production	000 Lbs.	96,859	91,425	75,483
Marketings	000 Lbs.	105,518	85,100	80,875
Price/100 Lbs.	Dollars	35.00	40.80	48.60
Cash Receipts	000 Dols.	37,989	35,785	40,680
Value of Home Consumption	000 Dols.	2,591	2,301	1,565
Gross Income	000 Dols.	40,580	38,086	42,245

1/ December 1 preceding year.

HISTORIC HOG INVENTORY NUMBERS
North Dakota, December 1, 1973-82

Year	Breeding	Market	Total	Year	Breeding	Market	Total
	- - - - Thousand Head - - - -						
1973	60	314	374	1978	61	274	335
1974	45	277	322	1979	56	314	370
1975	61	289	350	1980	40	225	265
1976	59	271	330	1981	40	240	280
1977	54	266	320	1982	34	176	210

HOGS AND PIGS ON FARMS
North Dakota, December 1, 1969-82



SHEEP

SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1981-83

Class	1981	1982	1983
	- -Thousand Head- -		
All Sheep & Lambs	272	280	222
Number on Feed	62	50	47
Total Stock Sheep	210	230	175
Ewes 1 year plus	153	165	138
Ewe Lambs	39	46	25
Wether & Ram Lambs	11	12	7
Rams & Wether 1 year plus	7	7	5

DISTRIBUTION OF ALL SHEEP BY COUNTIES,
North Dakota, January 1, 1983

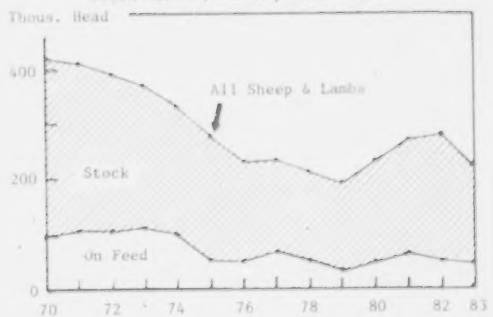
Less than 2,500 head

2,500 - 4,999 head

5,000 - 9,999 head

10,000 head & over

SHEEP AND LAMBS ON FARMS
North Dakota, January 1, 1970-83



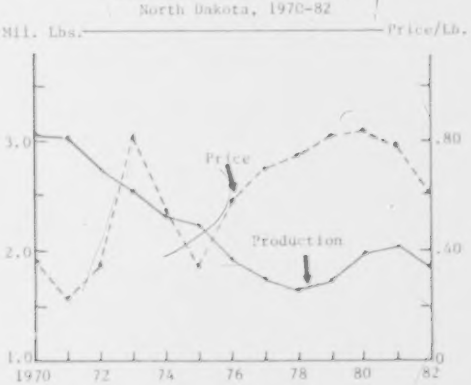
HISTORIC SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1974-83

Year	On Feed	Stock Sheep	Total	Year	On Feed	Stock Sheep	Total
	- - 000 Head - -				- - 000 Head - -		
1974	100	230	330	1979	38	160	198
1975	55	221	276	1980	46	190	236
1976	53	178	231	1981	62	210	272
1977	62	174	236	1982	50	230	280
1978	48	165	213	1983	47	175	222

SHEEP & LAMBS
Production, Disposition & Income,
North Dakota, 1980-82

Item	Unit	1980	1981	1982
Number on Hand Beginning of Yr.	000 Head	236	272	280
Lambs Saved	000 Head	173	196	190
Inshipments	000 Head	14	13	14
Marketings:				
Sheep	000 Head	14	21	74
Lambs	000 Head	96	139	145
Total	000 Head	110	160	219
Farm Slaughter	000 Head	1	1	1
Deaths:				
Sheep	000 Head	20	20	17
Lambs	000 Head	20	20	25
Total	000 Head	40	40	42
Number on Hand End of Year	000 Head	272	280	222
Production	000 Lbs.	14,353	16,522	14,871
Marketings	000 Lbs.	10,782	15,742	22,941
Price/100 Lbs.:				
Sheep	Dollars	24.60	16.80	13.80
Lambs	Dollars	61.90	48.90	48.00
All Classes	Dollars	55.84	43.55	24.54
Cash Receipts	000 Dols.	6,021	6,855	7,848
Value of Home Consumption	000 Dols.	129	102	100
Gross Income	000 Dols.	6,150	6,957	7,948
WOOL				
Sheep Shorn	000 Head	212	215	193
Production	000 Lbs.	1,989	2,025	1,840
Fleece Weight	Pounds	9.4	9.4	9.5
Price/Lb.	Dollars	.84	.79	.61
Value of Production	000 Dols.	1,671	1,600	1,122

WOOL PRODUCTION AND PRICE,
North Dakota, 1970-82



POULTRY & HONEY

Chicken Inventory by Class,
North Dakota, December 1, 1980-82

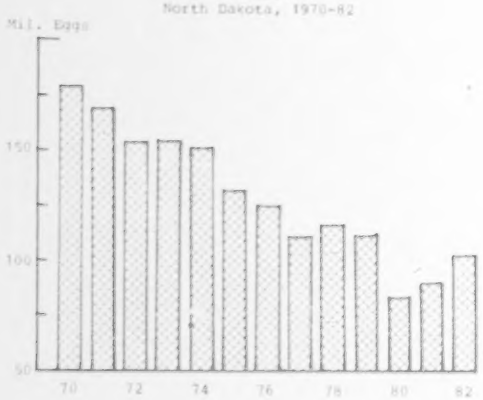
Class	1980	1981	1982
	(Thousand Head)		
ALL CHICKENS	420	500	510
Hens Laying Age	210	210	241
Pullets Laying Age	125	210	161
Other (Including Broilers)	10	10	10

EGG PRODUCTION: Average Number of Layers and Total Egg Production by Quarters, North Dakota, 1980-82

Quarter	Average Number of Layers			Eggs Produced		
	1980	1981	1982 1/	1980	1981	1982 1/
	(000 Layers)			(Mil. Eggs)		
Dec.*-Feb.	410	373	420	22	20	26
Mar.-May	365	400	423	21	23	27
June-Aug.	350	388	409	20	22	26
Sept.-Nov.	343	403	398	19	23	23
Annual	367	391	413	82	88	102

1/ Preliminary. * December preceding year.

EGG PRODUCTION
North Dakota, 1970-82



POULTRY: Production, Disposition & Income,
North Dakota, 1980-82

Item	Unit	1980	1981	1982
CHICKENS				
Raised	000 Birds	1,500	1,000	850
Lost	000 Birds	200	200	180
Produced	000 Birds	1,300	800	670
Consumed on Farms	000 Birds	600	250	200
Sold	000 Birds	800	470	460
Lbs. Produced	000 Lbs.	5,212	3,269	2,681
Consumed on Farms	000 Lbs.	2,280	950	760
Lbs. Sold	000 Lbs.	3,360	1,974	1,932
Price/Lb.	Cents	4.0	7.0	6.0
Cash Receipts	000 Dols.	134	138	116
Value of Chickens Consumed	000 Dols.	91	67	46
Gross Income	000 Dols.	225	205	162
EGGS				
Number of Layers During Year	000 Birds	367	391	413
Eggs per Layer	Number	223	225	247
Eggs Produced	Mil. Eggs	82	88	102
Eggs Consumed on Farms	Mil. Eggs	6	6	6
Eggs Sold	Mil. Eggs	76	82	96
Price/Dozen	Cents	36.0	39.0	37.0
Cash Receipts	000 Dols.	2,280	2,665	2,960
Value of Eggs Consumed on Farms	000 Dols.	180	195	185
Gross Income	000 Dols.	2,460	2,860	3,145
TURKEYS				
Number Raised 1/	000 Head	940	1,050	950
Production	000 Lbs.	16,920	19,635	17,100
Price/Lb.	Cents	47.0	36.0	39.0
Gross Income	000 Dols.	7,972	7,069	6,669

1/ Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

Colonies of Bees, Honey and Beeswax Production and Prices, North Dakota, 1977-82

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)	(000 Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668
1980	220	65	14,300	.528	7,550	2,145	257	1.95	501
1981	265	87	23,055	.550	12,680	5,994	369	1.99	734
1982	------Estimates Discontinued------								

ALL CATTLE

All Cattle on North Dakota Farms by Counties,
5-Year Average, January 1 Numbers, 1981-83

MILK COWS

Milk Cows on North Dakota Farms
by Counties, January 1, 1981-83

District and County	5-Year Average 1978-82 1/	Number on Farms			5-Year Average 1978-82 1/	Number on Farms		
		1981	1982	1983		1981	1982	1983
	- - - - - Number of Head - - - - -							
Burke	15,600	15,000	16,000	15,000	600	600	600	600
Divide	16,200	15,000	15,000	15,000	300	200	200	200
Mountrail	36,000	34,000	34,000	35,000	1,400	1,400	1,400	1,200
Renville	9,400	9,000	9,000	9,000	700	700	700	600
Ward	40,000	36,000	40,000	42,000	2,200	1,900	1,600	1,300
Williams	36,000	32,000	30,000	29,000	600	600	500	500
Northwest	153,200	141,000	144,000	145,000	5,700	5,400	5,000	4,400
Benson	31,400	29,000	31,000	33,000	1,500	1,700	1,700	1,500
Bottineau	22,200	21,000	21,000	21,000	800	800	600	600
McHenry	66,600	62,000	65,000	72,000	2,900	2,800	2,900	2,900
Pierce	28,600	27,000	29,000	35,000	2,600	2,500	2,500	2,400
Rolette	22,600	22,000	24,000	24,000	700	700	700	600
North Central	171,400	161,000	170,000	185,000	8,400	8,500	8,400	8,000
Cavalier	10,400	10,000	10,000	9,000	400	300	300	300
Grand Forks	16,800	15,000	15,000	15,000	1,100	1,000	1,000	900
Nelson	16,200	16,000	17,000	17,000	1,000	1,100	1,100	900
Pembina	10,600	10,000	10,000	10,000	200	200	200	200
Ramsey	9,200	8,000	9,000	9,000	400	400	400	300
Towner	7,200	7,000	9,000	9,000	300	300	400	300
Walsh	19,800	19,000	20,000	21,000	1,000	1,000	1,000	900
Northeast	90,200	85,000	90,000	90,000	4,400	4,300	4,400	3,800
Dunn	89,800	86,000	88,000	90,000	2,000	1,900	1,900	1,900
McKenzie	79,200	74,000	84,000	84,000	500	500	400	400
McLean	46,400	45,000	50,000	50,000	2,400	2,300	2,600	2,400
Mercer	44,600	41,000	42,000	49,000	1,700	1,600	1,600	1,500
Oliver	34,800	35,000	36,000	42,000	2,200	2,200	2,200	2,000
West Central	294,800	281,000	300,000	315,000	8,800	8,500	8,700	8,200
Eddy	21,600	21,000	20,000	21,000	700	700	600	500
Foster	27,200	26,000	29,000	30,000	600	500	500	500
Kidder	73,000	70,000	77,000	83,000	3,100	3,000	2,900	3,000
Sheridan	29,800	29,000	31,000	35,000	1,800	1,800	1,700	1,800
Stutsman	74,400	70,000	71,000	77,000	4,700	4,800	4,200	5,100
Wells	31,200	28,000	30,000	29,000	1,600	1,700	1,500	1,500
Central	257,200	244,000	258,000	275,000	12,500	12,500	11,400	12,400
Barnes	35,600	32,000	34,000	35,000	1,700	1,500	1,600	1,600
Cass	30,200	27,000	29,000	34,000	1,100	1,100	1,000	900
Griggs	20,600	20,000	20,000	21,000	1,000	1,100	1,100	900
Steele	7,400	7,000	7,000	7,000	200	200	200	200
Traill	9,400	9,000	8,000	8,000	700	600	500	400
East Central	103,200	95,000	98,000	105,000	4,800	4,500	4,400	4,000
Adams	31,600	30,000	29,000	31,000	700	500	500	500
Billings	30,600	28,000	33,000	33,000	300	300	300	300
Bowman	31,200	30,000	29,000	29,000	400	400	400	400
Golden Valley	25,800	28,000	24,000	24,000	800	700	900	900
Hettinger	28,600	25,000	29,000	30,000	2,100	2,000	2,000	2,300
Slope	28,200	27,000	26,000	27,000	700	700	700	700
Stark	58,200	52,000	60,000	61,000	5,000	4,900	4,500	5,100
Southwest	234,200	220,000	230,000	235,000	10,000	9,500	9,300	10,200
Burleigh	65,200	60,000	79,000	84,000	2,500	2,500	2,400	2,500
Emmons	65,600	62,000	73,000	77,000	5,900	6,100	6,400	6,600
Grant	66,600	62,000	72,000	76,000	4,000	3,800	4,000	4,100
Morton	102,800	96,000	108,000	112,000	7,900	7,600	7,000	7,400
Sioux	33,600	30,000	33,000	31,000	1,000	900	1,000	1,000
South Central	333,800	310,000	365,000	380,000	21,200	20,900	20,800	21,600
Dickey	63,800	60,000	64,000	70,000	2,300	2,300	2,500	2,800
LaMoure	43,800	39,000	44,000	45,000	3,900	3,600	3,700	4,000
Logan	56,000	52,000	66,000	71,000	3,800	3,700	3,800	4,300
McIntosh	48,200	47,000	52,000	56,000	4,500	4,500	4,700	5,400
Ransom	37,600	34,000	36,000	39,000	1,200	1,200	1,200	1,300
Richland	41,800	39,000	43,000	43,000	2,300	2,000	2,000	2,000
Sargent	44,200	42,000	40,000	46,000	1,700	1,600	1,700	1,600
Southeast	335,400	313,000	345,000	370,000	19,700	18,900	19,600	21,400
STATE	1,973,400	1,850,000	2,000,000	2,100,000	95,600	93,000	92,000	94,000

1/ Totals may not add due to rounding.

HOGS

All Hogs & Pigs on North Dakota Farms by Counties, 5-Year Average, December 1 Numbers, 1980-82

District and County	5-Year Average 1977-81 1/	Number on Farms		
		1980	1981	1982
	Number of Head			
Burke	800	700	500	400
Divide	2,400	2,000	1,800	1,200
Mountrail	1,200	1,100	1,200	1,000
Renville	900	700	600	400
Ward	3,500	3,000	2,400	1,900
Williams	1,700	1,500	1,500	1,100
Northwest	10,500	9,000	8,000	6,000
Benson	4,000	3,000	2,300	1,700
Bottineau	2,100	1,700	1,100	800
McHenry	5,000	3,800	3,400	2,400
Pierce	1,000	900	900	700
Rolette	2,000	2,000	1,200	800
North Central	14,100	11,400	8,900	6,400
Cavalier	5,400	4,700	4,700	3,800
Grand Forks	5,200	5,100	5,300	4,900
Nelson	3,600	2,500	2,600	1,800
Pembina	8,600	6,700	7,300	5,300
Ramsey	1,900	1,600	2,100	1,600
Towner	2,000	2,000	1,600	1,100
Walsh	7,000	6,400	7,200	5,800
Northeast	33,800	29,000	30,800	24,300
Dunn	4,100	3,400	2,600	1,700
McKenzie	1,900	1,500	1,500	1,000
McLean	4,500	3,800	3,700	2,300
Mercer	2,300	1,900	1,700	1,000
Oliver	5,700	4,600	5,900	4,700
West Central	18,500	15,200	15,000	10,700
Eddy	1,100	1,000	1,000	900
Foster	3,200	2,900	3,500	2,800
Kidder	3,500	2,500	3,100	2,100
Sheridan	1,700	1,400	1,300	900
Stutsman	8,900	6,100	7,200	6,400
Wells	2,600	2,000	2,400	1,800
Central	21,100	15,900	18,500	14,900
Barnes	13,900	11,900	13,500	7,600
Cass	24,500	21,500	23,400	15,800
Griggs	2,900	2,600	2,400	1,500
Steele	1,400	1,200	1,200	800
Traill	5,900	5,200	6,800	4,300
East Central	48,400	42,400	47,300	30,000
Adams	2,500	2,000	1,700	1,100
Billings	400	300	300	200
Bowman	1,800	1,700	2,000	1,800
Golden Valley	4,700	5,000	4,400	3,200
Hettinger	8,500	7,700	9,100	5,600
Slope	3,500	2,900	3,400	2,600
Stark	8,200	7,800	6,600	4,400
Southwest	29,700	27,400	27,500	18,900
Burleigh	10,300	7,700	8,400	7,400
Emmons	7,500	5,600	5,400	5,500
Grant	13,600	11,000	12,200	8,500
Morton	13,200	11,100	11,400	8,400
Sioux	1,700	1,500	1,600	1,200
South Central	46,300	36,900	39,000	31,000
Dickey	17,400	14,800	15,800	9,300
LaMoure	11,200	9,700	10,400	6,400
Logan	2,800	1,700	2,200	1,300
McIntosh	3,600	3,800	3,000	2,800
Ransom	11,800	9,600	11,400	7,400
Richland	29,200	22,500	26,300	23,500
Sargent	16,200	13,700	15,700	14,800
Southeast	91,700	77,800	85,000	67,800
STATE	314,000	265,000	280,000	210,000

1/ Totals may not add due to rounding.

SHEEP

All Sheep on North Dakota Farms by Counties, 5-Year Average, January 1, 1981-83

District and County	5-Year Average 1978-82 1/	Number on Farms		
		1981	1982	1983
	Number of Head			
Burke	2,700	3,100	3,300	2,400
Divide	2,000	2,200	2,300	1,400
Mountrail	4,600	5,100	6,400	5,400
Renville	1,000	1,200	1,100	900
Ward	4,500	5,200	5,100	4,300
Williams	4,700	[illegible]	6,800	5,200
Northwest	19,500	[illegible]	25,000	19,600
Benson	2,800	3,200	2,900	2,400
Bottineau	3,500	4,000	3,500	3,200
McHenry	4,200	4,700	5,300	4,400
Pierce	1,900	2,200	2,200	2,100
Rolette	3,100	3,900	3,600	3,400
North Central	15,400	18,000	17,500	15,500
Cavalier	1,200	1,400	1,500	1,200
Grand Forks	3,100	3,100	3,400	2,900
Nelson	3,100	3,300	3,500	3,200
Pembina	2,000	2,100	2,200	1,800
Ramsey	1,700	1,800	1,900	1,500
Towner	2,700	2,900	3,000	2,400
Walsh	1,300	1,400	1,500	1,400
Northeast	15,100	16,000	17,000	14,400
Dunn	2,600	3,100	3,200	2,700
McKenzie	19,700	20,400	18,000	12,100
McLean	2,500	3,000	2,900	2,100
Mercer	1,700	1,900	1,900	1,500
Oliver	2,400	2,500	2,500	2,200
West Central	28,900	30,900	28,500	20,600
Eddy	6,500	6,300	6,800	4,200
Foster	4,200	5,200	5,700	5,000
Kidder	10,600	11,800	12,500	8,200
Sheridan	1,000	1,300	1,400	1,100
Stutsman	9,700	11,100	11,700	9,800
Wells	4,700	5,200	5,200	3,200
Central	36,700	40,900	43,300	31,500
Barnes	4,800	6,200	5,800	5,300
Cass	10,100	11,700	12,000	11,000
Griggs	2,400	3,100	2,900	2,700
Steele	3,600	4,000	4,000	2,900
Traill	1,800	2,100	2,100	1,600
East Central	22,800	27,100	26,800	23,500
Adams	7,100	8,500	9,300	9,000
Billings	300	400	400	400
Bowman	22,800	26,800	27,400	23,600
Golden Valley	2,900	3,600	4,000	3,600
Hettinger	1,500	2,000	2,100	1,600
Slope	3,300	3,700	3,900	2,800
Stark	4,200	5,100	4,400	3,000
Southwest	42,400	50,100	51,500	44,000
Burleigh	3,900	4,700	5,100	4,000
Emmons	1,800	1,900	2,000	1,600
Grant	9,300	8,800	10,400	6,800
Morton	6,200	7,700	7,600	4,800
Sioux	1,000	1,300	1,300	700
South Central	22,600	24,400	26,400	17,900
Dickey	9,700	10,400	11,600	10,600
LaMoure	8,600	8,000	8,000	5,200
Logan	2,500	3,000	3,300	2,300
McIntosh	3,200	3,900	4,000	4,000
Ransom	7,000	7,700	7,900	5,600
Richland	2,600	3,500	3,200	2,600
Sargent	5,200	6,300	6,000	5,700
Southeast	36,800	42,400	44,000	35,000
STATE	239,800	272,000	280,000	222,000

1/ Totals may not add due to rounding.

-NOTES-

PRICES

NORTH DAKOTA PRICES

Prices received by farmers for 1982 crop marketing season averaged lower than the levels of a year earlier for all major crops except spring wheat, durum wheat, corn, and potatoes. The season average price for durum wheat rose 1 percent, while spring wheat remained unchanged. Prices for other crops ranged from 9 percent higher to 43 percent lower than in 1981.

Annual average prices for livestock and livestock products during 1982 ranged from a 19 percent increase from 1981 for hogs to a 23 percent decrease for wool. Average prices for all items, except hogs showed price declines.

Season average prices for crops are computed by weighting monthly sales by the estimated percentage of sales made each month during the marketing year. These prices include allowances for unredeemed loans and government purchases, if any. Calendar year averages are simple averages of the monthly prices listed.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices received by farmers relate to the average price the farmer received for his product, generally at the point of first sale. The average price concept is the same as dividing the total dollars received by all farms by the total quantity of the commodity sold. Milk in an exception and is priced F.O.B. plant or receiving station.

Prices for all small grains, soybeans, dry edible beans, corn and sunflower are collected from a probability sample of mills and elevators, and are based on sales for the entire month. These prices reflect actual purchases, and include any premiums or discounts paid. Prices for potatoes and milk are also based on an entire month average. Livestock prices for beef cattle, sheep and hogs are collected in a similar manner, and reflect actual sales of livestock through auctions, dealers and commission firms.

PRICES RECEIVED INDEX

The Index of Prices Received for All Farm Products averaged 134 percent of its 1977 base during 1982, a decrease of 20 points (13 percent) from the average for 1981.

The All Crops Index fell 27 points (17 percent) during the same period and the All Livestock and Products Index fell 3 points (2 percent) from the average for 1981.

Readers should note that the indexes have been made more current by changing from a 1967 to a 1977 "base year". Figures using this base (1977=100) were compiled back to 1960.

MONTHLY AND AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS FOR SELECTED CROPS, NORTH DAKOTA, 1981-82 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal.Yr. Avg. 3/
		Dollars per Bushel												
All Wheat	1981	4.67	4.46	4.41	4.37	4.23	3.99	3.76	3.58	3.49	3.54	3.62	3.50	3.97
	1982	3.57	3.59	3.55	3.62	3.62	3.53	3.46	3.34	3.30	3.32	3.40	3.28	3.47
Other Spring Wheat	1981	4.24	4.16	4.10	4.22	4.24	4.10	3.97	3.64	3.55	3.57	3.70	3.55	3.92
	1982	3.59	3.56	3.57	3.65	3.66	3.58	3.53	3.44	3.42	3.39	3.47	3.35	3.52
Durum Wheat	1981	5.29	5.00	4.93	4.70	4.21	3.70	3.48	3.50	3.40	3.50	3.54	3.46	4.06
	1982	3.53	3.62	3.47	3.53	3.51	3.42	3.26	3.08	3.08	3.16	3.22	3.15	3.34
Oats	1981	1.84	1.89	2.02	2.03	1.96	1.89	1.65	1.50	1.56	1.61	1.68	1.67	1.78
	1982	1.73	1.77	1.71	1.75	1.77	1.59	1.35	1.14	1.04	1.04	1.12	1.19	1.43
All Barley	1981	2.74	2.80	2.88	2.93	2.84	2.69	2.14	2.16	2.25	2.18	2.28	2.32	2.52
	1982	2.26	2.31	2.09	2.14	2.19	2.11	1.91	1.64	1.56	1.61	1.66	1.62	1.93
Barley, Feed	1981	2.51	2.49	2.39	2.39	2.11	1.91	1.94	1.95	1.99	1.97	2.04	1.90	2.13
	1982	1.94	2.08	1.93	1.96	1.86	1.91	1.79	1.48	1.44	1.34	1.42	1.38	1.71
Barley, Malting	1981	2.99	2.97	3.00	3.07	2.94	2.85	2.36	2.30	2.40	2.24	2.34	2.36	2.65
	1982	2.42	2.43	2.19	2.18	2.22	2.14	1.93	1.69	1.57	1.64	1.71	1.67	1.98
Rye	1981	2.84	2.93	3.26	3.02	3.27	3.11	2.59	2.55	2.77	2.74	2.75	2.74	2.88
	1982	3.05	3.28	3.33	3.40	3.15	2.95	2.21	2.06	2.04	2.21	2.00	1.91	2.63
Flax	1981	7.63	7.46	7.21	7.31	7.56	7.32	7.25	6.86	6.39	6.18	6.63	6.81	7.05
	1982	6.91	6.88	6.76	6.65	6.56	6.68	6.25	5.37	5.37	5.07	4.96	4.64	6.01
Corn	1981	3.10	3.02	2.98	2.95	2.99	2.95	2.85	2.72	2.61	2.41	2.18	2.19	2.75
	1982	2.17	2.07	2.23	2.32	2.42	2.01	2.51	2.00	2.22	1.90	1.97	1.99	2.15
Soybeans	1981	6.50	6.73	6.82	6.99	7.09	6.61	6.89	6.38	5.83	5.62	5.57	5.42	6.37
	1982	5.54	5.46	5.61	5.90	6.09	5.92	5.72	5.37	5.08	5.05	5.00	5.14	5.49
		Dollars per Hundredweight												
All Sunflower	1981	11.00	10.70	10.70	11.20	11.70	11.40	11.40	11.10	10.40	10.20	10.40	10.60	10.90
	1982	11.00	11.50	11.50	11.80	11.30	11.10	10.30	10.40	10.40	8.80	8.80	9.00	10.49
Sunflower, Oil	1981	10.60	10.50	10.70	10.20	11.70	11.40	11.40	11.10	10.30	9.90	10.20	10.20	10.68
	1982	10.90	11.40	11.40	11.60	11.20	10.80	10.10	9.80	9.90	8.40	8.40	8.70	10.22
Sunflower, Non-Oil	1981	14.00	15.00	13.40	13.30	-	-	-	-	12.90	13.60	13.80	13.30	13.66
	1982	13.50	13.80	13.50	13.30	12.40	12.10	11.90	11.90	11.90	12.00	12.20	12.10	12.55
Dry Beans	1981	25.60	27.00	26.50	26.00	32.00	-	-	18.50	21.50	23.00	20.50	19.50	24.01
	1982	17.50	14.00	14.00	10.60	11.40	9.70	9.20	15.50	13.90	11.70	9.70	9.10	12.19
Potatoes	1981	6.50	7.50	9.00	9.50	7.50	7.50	-	-	3.75	3.40	4.25	4.25	6.32
	1982	4.30	4.50	4.20	3.60	3.50	3.50	-	-	3.60	3.75	4.10	4.00	3.91
		Dollars per Ton												
All Hay, Baled	1981	76.00	78.50	82.50	82.50	88.00	78.00	75.00	59.00	55.00	60.00	55.00	59.00	70.71
	1982	59.00	58.00	55.00	54.00	57.00	53.00	42.00	46.00	45.00	45.00	41.00	42.00	49.75
Alfalfa Hay, Baled	1981	82.00	85.00	88.00	88.00	94.00	90.00	81.00	66.00	64.00	69.00	60.00	64.00	75.58
	1982	64.00	64.00	62.00	58.00	63.00	59.00	50.00	55.00	50.00	50.00	45.00	45.00	55.42
Other Hay, Baled	1981	67.50	69.00	74.00	74.00	79.50	61.00	65.00	48.00	43.00	48.00	48.00	52.00	60.75
	1982	52.00	49.00	47.00	50.00	49.00	47.00	33.00	36.00	39.00	40.00	37.00	37.00	43.00

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1981 Revised, 1982 Preliminary. 3/ See page 77 for season average prices.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS
BY CROP REPORTING DISTRICTS, North Dakota, Crops of 1977-82 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Season Average
		---Dollars per Bushel---									
All Wheat	1980	4.73	4.50	4.31	4.14	4.16	4.15	4.79	4.30	4.26	4.40
	1981	3.52	3.44	3.53	3.44	3.53	3.71	3.54	3.52	3.68	3.54
	2/1982										3.57
Durum Wheat	1977	2.63	2.62	2.63	2.61	2.84	2.91	2.75	2.96	2.87	2.66
	1978	2.83	2.97	2.99	3.19	2.98	2.97	2.87	2.88	3.04	2.93
	1979	4.26	4.44	4.55	4.47	4.52	4.64	4.22	4.55	4.41	4.41
	1980	5.31	4.81	4.83	4.90	4.82	4.98	6.24	5.86	5.28	5.10
	1981	3.49	3.46	3.45	3.41	3.47	3.64	3.34	3.33	3.64	3.48
	2/ 1982										3.50
Spring Wheat Other Than Durum	1977	2.26	2.31	2.39	2.38	2.50	2.51	2.36	2.47	2.64	2.40
	1978	2.69	2.77	2.84	2.71	2.83	2.95	2.65	2.67	2.94	2.80
	1979	3.35	3.39	3.54	3.39	3.55	3.71	3.42	3.44	3.65	3.53
	1980	3.81	3.85	3.81	3.83	3.82	3.99	4.09	4.09	4.08	3.92
	1981	3.57	3.44	3.62	3.46	3.56	3.71	3.57	3.52	3.68	3.59
	2/ 1982										3.60
Oats	1977	.92	.93	.94	.91	.91	.96	1.05	1.10	1.00	.94
	1978	.97	.94	1.01	.97	1.00	1.03	1.04	.92	1.03	1.00
	1979	1.14	1.14	1.12	1.11	1.12	1.17	1.20	1.15	1.18	1.16
	1980	1.74	1.70	1.57	1.76	1.83	1.90	2.31	1.98	1.76	1.77
	1981	1.72	1.59	1.55	1.47	1.56	1.69	1.69	1.50	1.64	1.63
	2/ 1982										1.15
Malting Barley	1977	1.60	1.65	1.70	1.78	1.74	1.68	-	-	1.95	1.69
	1978	1.73	1.75	1.77	1.84	1.84	1.95	-	1.99	1.90	1.82
	1979	1.97	2.04	2.07	1.98	2.17	2.16	2.26	1.42	2.19	2.11
	1980	2.65	2.52	2.73	2.55	2.65	2.92	2.68	2.37	2.77	2.76
	1981	2.10	2.21	2.17	2.10	2.18	2.39	2.13	-	2.35	2.25
Feed Barley	1977	1.27	1.19	1.31	1.33	1.23	1.40	1.49	1.33	1.31	1.32
	1978	1.44	1.39	1.41	1.45	1.41	1.46	1.47	1.34	1.48	1.44
	1979	1.68	1.79	1.75	1.53	1.91	1.87	1.78	1.69	1.97	1.83
	1980	2.32	2.31	2.16	2.40	2.26	2.25	2.32	2.55	2.36	2.24
	1981	1.85	1.97	1.91	1.66	1.82	1.93	2.16	1.83	1.94	1.92
All Barley	1977	1.45	1.50	1.59	1.36	1.49	1.51	1.49	1.35	1.62	1.54
	1978	1.69	1.74	1.74	1.55	1.83	1.90	1.47	1.38	1.84	1.78
	1979	1.92	2.00	2.01	1.91	2.03	2.11	1.87	1.87	2.15	2.06
	1980	2.53	2.45	2.57	2.52	2.50	2.82	2.42	2.43	2.62	2.62
	1981	2.06	2.15	2.11	1.98	2.02	2.23	2.15	1.83	2.15	2.15
	2/ 1982										1.80
Flaxseed	1977	4.41	5.02	4.30	3.98	4.52	4.34	4.42	4.59	5.17	4.64
	1978	5.79	5.81	6.20	5.78	5.94	6.03	5.41	5.58	5.73	5.84
	1979	5.79	5.64	5.54	5.46	5.85	5.75	5.61	6.18	5.86	5.76
	1980	7.23	7.19	7.19	7.32	7.02	7.13	7.16	7.23	7.22	7.18
	1981	6.62	6.71	6.46	6.63	6.47	6.59	6.68	6.52	6.72	6.57
	2/ 1982										5.10
		---Dollars per Hundredweight---									
All Sunflower	1980	10.17	10.56	11.25	10.83	11.29	11.11	10.67	10.69	11.14	11.00
	1981	10.22	10.04	11.02	9.49	9.78	11.04	9.01	9.51	11.02	10.70
	2/ 1982										8.53

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate.
2/ Preliminary - District prices not available at this time.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS,
North Dakota, 1977-82

Year	Rye	Corn	Soybeans	All Hay Baled	Potatoes	Sugarbeets 1/	Dry Beans
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Ton)	(Cwt.)
1977	1.80	1.97	5.83	44.00	2.70	21.40	15.80
1978	1.69	2.06	6.75	36.00	2.60	22.90	13.50
1979	1.70	2.13	5.80	37.50	3.25	34.10	22.50
1980	2.64	2.87	7.02	75.00	6.85	46.30	24.70
1981	2.77	2.39	5.66	58.00	4.05	20.50	19.80
1982 2/	2.00	2.60	5.30	41.00	4.10	-	11.30

1/ Does not include government payments. 2/ Preliminary.

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS,
North Dakota 1981-82

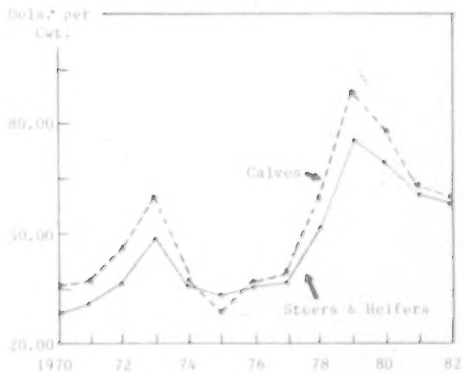
Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. 1/
		- - - Dollars per 100 Pounds Live Weight - - -												
Beef Cattle	1981	61.60	61.00	58.40	60.20	54.10	56.00	57.60	53.90	53.80	49.80	48.40	45.40	55.30
	1982	47.00	50.10	56.10	55.40	56.30	53.90	53.50	54.80	54.80	52.60	49.20	47.30	52.30
Steers & Heifers	1981	68.40	65.60	63.10	63.20	58.70	61.10	61.10	58.30	59.80	57.10	57.60	54.10	61.30
	1982	54.80	56.10	59.10	60.00	61.00	60.80	59.00	62.40	60.50	59.10	58.00	57.80	58.80
Cows	1981	44.40	46.10	46.10	45.60	44.20	44.00	46.90	43.90	42.70	39.30	36.00	33.40	41.80
	1982	35.10	36.30	39.90	39.60	42.80	43.40	41.30	41.40	39.00	36.90	34.10	33.20	37.70
Calves	1981	72.70	68.90	67.70	69.10	64.30	64.80	64.50	64.10	64.70	59.00	59.30	55.50	63.10
	1982	54.40	56.00	59.60	61.10	62.90	65.50	62.30	66.50	66.20	62.30	61.80	60.50	60.10
Hogs 2/	1981	36.60	38.70	36.60	36.90	39.70	44.10	44.20	44.20	42.90	41.70	38.80	37.50	40.80
	1982	40.90	45.70	46.10	48.10	53.20	54.00	54.30	57.90	58.30	53.30	50.00	51.00	48.60
Sheep	1981	18.60	23.20	21.80	16.20	13.60	14.80	15.80	17.20	15.40	15.90	20.20	14.00	16.80
	1982	12.40	14.50	18.20	18.80	12.30	13.80	12.80	12.20	12.10	12.70	12.40	13.50	13.80
Lambs	1981	53.80	51.80	51.30	56.20	57.30	57.60	61.00	51.50	46.50	45.00	43.60	43.60	48.90
	1982	46.60	47.00	54.90	53.90	51.70	55.70	50.60	49.00	47.00	47.80	44.90	48.80	48.80
		- - - Dollars per Head - - -												
Milk Cows	1981	1090	1090	1070	1090	1060	1060	1090	1080	1070	1070	1080	1090	1080
	1982	1070	--	--	1010	--	--	1010	--	--	980	--	--	1020
		- - - Dollars per Hundredweight - - -												
Milk, Wholesale	1981	12.90	12.80	12.70	12.50	12.40	12.40	12.80	12.20	12.60	12.90	13.00	13.00	12.60
	1982	12.90	12.70	12.60	12.40	12.20	12.10	12.10	12.20	12.50	13.00	13.10	12.90	12.60
		- - - Cents per Pound - - -												
Wool 3/	1981	79.0	81.0	79.0	81.0	85.0	80.0	78.0	73.0	74.0	73.0	71.0	76.0	79.0
	1982	-	-	-	-	-	-	-	-	-	-	-	-	81.0

1/ Weighted by marketings. 2/ Average is based on marketing year December through November. 3/ Annually.

AVERAGE PRICE RECEIVED BY FARMERS FOR POULTRY AND POULTRY PRODUCTS, North Dakota, 1977-82

Year	Chickens	Turkeys	Eggs
	(¢/lb. live weight)		(¢/doz.)
1977	24.0	35.0	57.0
1978	34.0	45.0	54.0
1979	44.0	43.0	68.0
1980	42.0	47.0	86.0
1981	42.0	36.0	69.0
1982	40.0	39.0	47.0

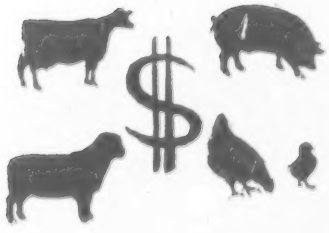
Average Price Received:
Steers & Heifers and Calves,
North Dakota, 1970-82



WAGE RATES FOR FARM LABOR
Combined Field and Livestock Workers
N.D., Quarterly 1977-80, Jan. and Apr., 1981

Year	Quarterly Rates				Annual Average
	Jan.	Apr.	July	Oct.	
	- - - Dollars per Hour - - -				
1977	2.52	1.85	2.69	2.53	2.53
1978	2.80	2.40	2.60	2.75	2.66
1979	2.90	2.60	3.20	2.85	2.89
1977	2.82	2.67	3.07	2.74	2.83
1978	3.09	2.93	3.27	3.03	3.10
1979	3.50	3.12	3.33	3.10	3.12
1980	3.30	3.15	3.80	3.48	3.43
1981	3.50	3.37	NA	NA	NA
1982	- Estimates Discontinued -				

NA - Not Available.



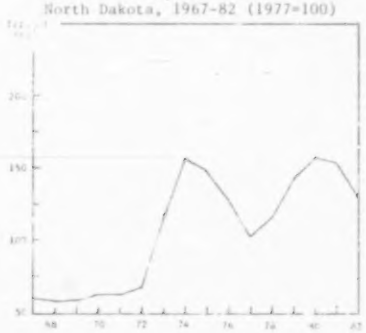
INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTHS AND CALENDAR YEAR AVERAGE
North Dakota, 1981-82

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1977 = 100) 1/							
1981													
All Farm Products	173	170	169	171	164	160	154	147	138	135	137	134	154
All Crops	176	172	174	175	170	162	153	146	133	133	136	134	155
Food Grains	196	187	185	183	178	167	158	150	147	149	152	147	166
Feed Grains & Hay	167	169	175	176	174	164	139	133	136	133	135	138	153
Oil Bearing Crops	108	106	106	110	114	111	111	108	100	98	101	102	106
Other Crops 2/	207	222	242	248	226	226	226	214	113	109	118	118	189
All Livestock Products	166	164	158	162	150	155	157	151	151	142	139	132	152
Meat Animals	170	168	162	166	152	158	161	153	153	141	138	130	154
Dairy Products	150	149	148	145	144	144	143	144	147	150	151	151	147
Poultry, Eggs & Wool	105	105	105	105	106	105	105	104	104	104	103	104	105
1982													
All Farm Products	135	138	140	140	141	137	134	132	133	129	127	126	134
All Crops	135	136	134	135	135	131	126	122	123	120	123	120	128
Food Grains	150	151	149	152	152	148	145	140	138	139	142	137	145
Feed Grains & Hay	134	135	127	129	133	124	116	101	99	98	100	99	116
Oil Bearing Crops	105	109	109	111	107	106	98	98	97	84	84	85	99
Other Crops 2/	116	114	110	98	98	95	95	103	120	119	121	119	109
All Livestock Products	135	142	153	153	156	153	151	156	157	151	138	140	149
Meat Animals	133	142	156	156	160	156	154	160	160	152	136	140	150
Dairy Products	150	148	147	145	142	141	141	142	145	151	152	150	146
Poultry, Eggs & Wool	105	105	105	105	105	105	105	105	105	105	105	105	105

1/ Base price is 1977 average. Quantity weights based on moving three-year average sales. 2/ Potatoes, dry edible beans and sugarbeets.

Index of Prices Received,
North Dakota, 1981-82 (1977=100)

Index of Prices Received
Annual Average All Commodities
North Dakota, 1967-82 (1977=100)



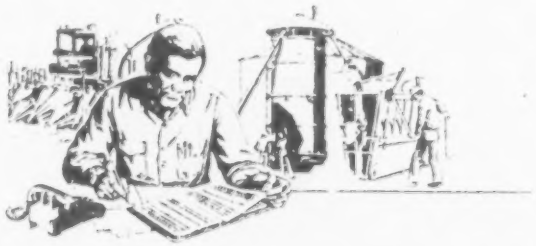
ANNUAL AVERAGE INDEXES OF PRICES RECEIVED BY FARMERS,
North Dakota, 1960-82

Year	All Commodities	Crops					Livestock			
		All Crops	Food Grains	Feed Grains & Hay	Oil Bearing	Other Crops	All Livestock	Meat Animals	Dairy Products	Poultry, Eggs & Wool
					(1977=100) 1/					
1960	63	66	78	45	51	53	57	53	66	66
1961	66	71	85	50	55	39	56	53	66	66
1962	69	76	93	51	54	34	57	56	61	61
1963	65	70	85	46	51	34	56	54	59	67
1964	58	62	68	47	53	54	51	48	57	68
1965	58	59	58	54	54	101	55	54	56	66
1966	62	61	65	58	55	46	63	62	62	74
1967	61	61	66	56	54	48	61	61	62	58
1968	59	57	61	50	53	55	63	64	63	58
1969	60	53	58	46	50	46	71	72	63	69
1970	63	56	60	47	47	62	74	76	65	69
1971	62	54	57	49	46	56	75	77	64	55
1972	70	59	64	52	51	55	89	95	64	59
1973	120	120	136	85	107	101	120	128	76	108
1974	157	190	209	148	157	155	95	97	83	90
1975	148	171	185	153	125	118	90	90	89	93
1976	128	137	142	134	109	114	99	99	100	88
1977	103	104	102	108	109	105	101	101	101	99
1978	117	110	115	104	99	93	139	145	112	112
1979	145	131	143	116	102	110	182	194	128	115
1980	160	158	179	136	94	158	167	173	138	121
1981	154	155	166	153	106	189	152	154	147	105
1982	134	128	145	116	99	109	149	150	146	105

1/ Base price is 1977 average. Quantity weights based on moving three-year average sales.

MID-MONTH AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS,
North Dakota, 1981-82

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
		------ Dollars per Hundredweight ------												
FEEDS														
Soybean Meal	1981	16.50	16.50	15.50	15.50	16.50	16.00	16.00	16.00	16.00	15.50	14.50	14.50	15.75
	1982	14.50	14.50	14.00	13.50	14.00	14.00	13.50	14.00	13.00	13.50	13.00	12.50	13.67
Hog Grower, 14-18% Protein	1981	11.00	11.00	10.00	10.00	10.50	10.50	9.80	9.60	9.40	9.40	9.30	8.70	9.93
	1982	9.10	9.20	9.00	9.90	10.50	10.00	9.10	9.10	8.60	8.60	8.90	9.10	9.26
Beef Concentrate, 32-36% Protein	1981	12.00	12.00	12.00	12.00	12.50	11.50	11.50	10.50	10.50	11.50	11.00	11.00	11.50
	1982	10.50	10.50	10.50	10.00	10.00	10.50	11.00	10.50	10.50	10.50	11.00	11.00	10.54
		------ Dollars per Ton ------												
Dairy Feed, 16% Protein	1981	190	187	178	178	189	186	193	180	170	163	163	167	179
	1982	160	160	165	170	171	173	164	162	152	151	155	157	162
Laying Feed	1981	265	255	230	230	235	230	250	240	225	215	220	220	235
	1982	210	200	200	220	225	230	225	210	200	194	200	210	210
		------ Cents per Gallon ------												
PETROLEUM PRODUCTS														
Gasoline, Unleaded Filling Station	1981	1.300	1.380	1.420	1.410	1.400	1.390	1.380	1.380	1.370	1.360	1.360	1.360	1.376
	1982	1.370	1.350	1.310	1.230	1.250	1.320	1.350	1.340	1.350	1.340	1.330	1.310	1.321
Gasoline, Regular Bulk Delivery	1981	1.220	1.280	1.330	1.330	1.320	1.300	1.300	1.290	1.280	1.300	1.290	1.280	1.293
	1982	1.280	1.270	1.210	1.150	1.170	1.2	1.270	1.280	1.280	1.260	1.260	1.250	1.244
Diesel Fuel	1981	1.090	1.160	1.200	1.230	1.210	1.200	1.200	1.200	1.200	1.200	1.190	1.200	1.190
	1982	1.180	1.180	1.120	1.050	1.060	1.150	1.160	1.150	1.150	1.150	1.160	1.150	1.138



ANNUAL AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS
North Dakota, 1981-82

Item	1981	1982
	---Dollars---	
FEEDS		
Turkey Grower/ton	254.00	223.00
Dairy Feed, 14% Protein/ton	171.00	152.00
Dairy Feed, 32% Protein/ton	262.00	246.00
Hog Concentrates, 38-42% Protein/100 pounds	15.79	14.96
Bran/100 pounds	9.04	9.90
Middlings/100 pounds	8.13	8.05
Corn Meal/100 pounds	6.78	6.01
Molasses, Liquid/100 pounds	8.42	8.60
Stock Salt/100 pounds	5.68	5.84
Alfalfa Meal/100 pounds	8.27	9.19
SEED, RETAIL		
Alfalfa, Uncertified/100 pounds	178.00	155.00
Alfalfa, Certified/100 pounds	228.00	180.00
Potatoes/100 pounds	10.00	5.30
Wheat, Spring/bushel	6.60	6.30

Item	1981	1982
	---Dollars---	
PETROLEUM PRODUCTS AND MOTOR SUPPLIES		
L.P. Gas, Propane, Butane, etc./gallon	.651	.643
Motor Oil		
Regular, non-detergent/gallon	3.80	3.88
Heavy duty, detergent/gallon	4.35	4.49
All weather, high detergent/gallon	4.58	4.79
Storage Batteries		
CPR 220-310 amps, each	49.63	50.25
CPR 315-500 amps, each	65.00	65.25
Spark Plugs, each	1.88	1.95
Tires		
Auto, tubeless, bias belted, ER78-14, ea.	49.38	47.63
Auto, tubeless, radial, steel belted, P195/75R14, ER78-14, ea.	75.75	74.50
Truck, 7.00x15, 6-ply, ea.	65.00	65.25
Tractor, Rear, 18.4-34, 6-ply, ea.	440.00	462.50

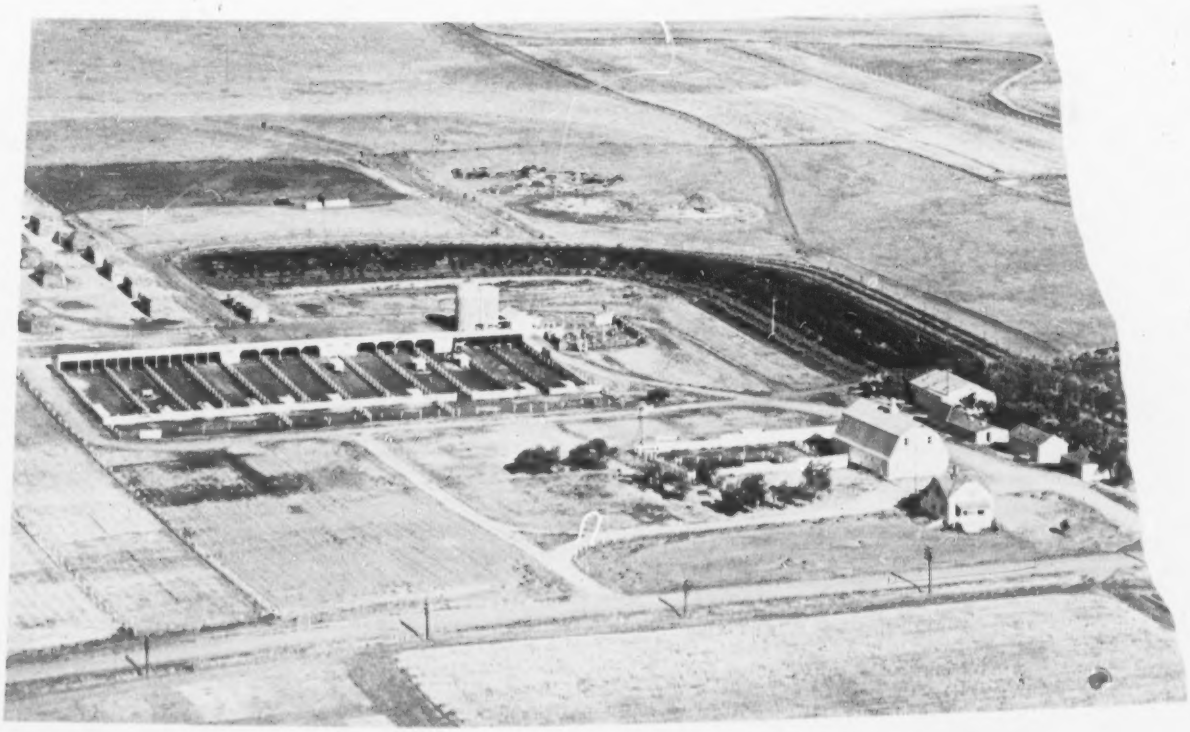
MISCELLANEOUS

FERTILIZER, FEED, EXPORTS

CROP INSURANCE

GRAIN SHIPMENTS

CUSTOM RATES



FERTILIZER, FEED, SALES & EXPORTS

Consumption of Fertilizers and Plant Nutrients, North Dakota, 1973-82

Year Ended June 30	Gross Tonnages				Primary Nutrient Content			
	Mixed Fertilizer	Primary Nutrient Material	Secondary & Micro-Nutrients	Total	N	Available P_2O_5	K_2O	Total
				Tons				
1973	237,528	245,927	50	483,505	133,512	107,960	13,495	254,966
1974	257,861	220,364	126	478,351	132,702	110,229	17,642	260,573
1975	249,047	239,773	123	488,943	140,663	105,613	16,460	262,735
1976	306,511	323,493	237	630,241	201,185	130,927	18,031	350,143
1977	315,687	351,345	613	667,645	229,102	140,665	18,685	388,452
1978	272,290	372,347	2,643	647,280	253,062	120,326	19,285	392,673
1979	300,780	444,739	3,653	749,172	294,860	132,609	23,987	451,456
1980	262,159	508,941	3,208	774,308	336,256	116,395	20,081	472,732
1981	269,255	465,639	2,086	736,980	315,853	119,372	22,582	457,807
1982	263,614	429,610	2,408	695,632	300,016	114,010	21,882	435,908

Fertilizer Use on All Wheat Acreage Harvested, North Dakota, 1977-82

Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate per Acre Receiving			Acres Fertilized 1/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding	After Seeding	At or Before & After Seeding
	(000)	(No.)	Percent				Pounds			Percent		
1977	9,530	240	51.2	51.2	47.5	6.7	32.6	27.6	14.9	99.2	0.0	0.8
1978	9,300	268	60.1	58.2	54.5	9.7	33.1	25.6	13.0	99.4	0.0	0.6
1979	9,555	240	67.5	65.4	55.0	9.6	41.0	28.0	17.6	97.5	1.2	1.3
1980	9,770	245	49.0	49.0	40.0	5.3	42.7	26.1	14.9	98.3	0.0	1.7
1981	11,770	237	57.0	57.0	47.3	6.8	39.0	25.3	17.1	100.0	0.0	0.0
1982	10,545	222	67.1	67.1	54.1	8.1	41.4	25.9	10.6	98.7	0.7	0.6

1/ Percentages apply to acres receiving fertilizer.

Commercial Feed Sales by Kind, North Dakota, 1980-82 1/

Kind of Feed	1980	1981	1982	Kind of Feed	1980	1981	1982
	Tons				Tons		
Chicken (Complete)	4,563	5,646	5,121	Mineral Feeds	5,361	5,325	5,563
(Supplement)	1,714	1,826	1,596	Salt, Plain	4,434	357	760
Turkey (Complete)	872	1,703	2,305	Salt, Iodized	3,349	6,423	5,580
(Supplement)	3,344	2,942	2,509	Soybeans	9,810	12,652	9,215
Swine (Complete	33,750	26,092	18,224	Meat & Bone Meal & Animal Products	148	804	425
(Supplement)	9,532	9,312	8,823	Pre-Mixes & Vitamin Supplements	149	112	156
Beef Cattle (Complete)	48,918	37,362	25,998	Beet Pulp	884	1	1,739
(Supplement)	25,928	22,596	16,576	Brewery Products	6,677	3,932	1,566
Dairy (Complete)	35,051	38,566	27,562	Miscellaneous	5,914	15,231	5,773
(Supplement)	5,834	3,999	4,158				
Calf	3,599	3,383	4,004				
Dog & Cat Foods	8,842	9,591	9,570				
Other Feeds	8,131	19,146	15,604	TOTAL*	226,804	225,001	172,827

* Tonnage tax paid on total. 1/ Source: State Laboratories Dept., Bismarck, N.D.

Value of Export Shares of Agriculiural Commodities, North Dakota, 1980-82 1/

Commodity or Group	1980		1981		1982	
	Dollars	Percent of U.S.	Dollars	Percent of U.S.	Dollars	Percent of U.S.
	(Mil.)	(Pct.)	(Mil.)	(Pct.)	(Mil.)	(Pct.)
Wheat & Flour	873.2	13.2	551.5	6.8	658.7	8.6
Feed Grains & Products	67.8	.7	67.3	.6	96.2	1.3
Sunflower Seeds & Oil	347.4	62.5	360.7	57.3	356.5	69.9
Soybeans & Products	21.1	.2	15.7	.2	27.1	.3
Vegetables & Preparations	18.2	1.9	77.4	5.4	98.5	6.8
Dairy Products	1.0	.6	1.5	.6	2.1	.6
Animals & Meats excluding Poultry	15.8	1.5	16.2	1.4	16.8	1.4
Hides & Skins	15.1	1.4	13.6	1.4	14.3	1.4
Poultry Products	.4	.1	.6	.1	.5	.1
Fats, Oils & Greases	15.3	2.0	14.3	1.9	12.7	1.8
Other	59.6	2.5	47.7	1.6	43.1	1.8
TOTAL	1,434.9	3.5	1,166.5	2.7	1,326.5	3.4

Source: Foreign Agricultural Trade of U.S. - ERS. 1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market.

FEDERAL CROP INSURANCE DATA - 1982*

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Adams						
Wheat	321	67,794	4,410,561	549,686	250	400,000
Sunflowers	38	5,105	304,032	40,365	20	80,000
Barley	42	1,165	61,434	12,282	10	7,810
All others	51	2,029	77,537	15,715	14	10,130
Barnes						
Wheat	317	55,126	4,182,514	263,064	32	60,592
Sunflowers	528	58,111	5,237,664	395,683	145	319,000
Barley	228	13,455	919,927	87,043	4	5,097
All others	809	151,474	14,610,276	589,009	50	76,171
Benson						
Wheat	321	57,361	3,651,867	345,204	70	203,000
Sunflowers	88	15,211	978,049	100,641	50	125,000
Barley	97	3,492	173,348	23,088	8	9,600
All others	60	1,316	54,736	7,542	5	2,500
Billings						
Wheat	60	10,699	670,987	90,035	50	80,000
Barley	5	229	12,877	2,497	0	0
All others	6	230	7,449	1,229	0	0
Bottineau						
Wheat	950	155,474	10,547,172	671,591	200	300,000
Sunflowers	264	34,365	2,706,617	229,060	250	467,750
Barley	388	18,072	958,091	90,380	35	38,010
All others	196	5,564	248,308	33,603	48	63,200
Bowman						
Wheat	179	38,928	2,854,172	368,646	155	294,500
Sunflowers	2	300	15,867	2,003	5	6,860
Barley	23	834	42,966	7,616	15	9,207
All others	20	689	27,727	5,444	1	0
Burke						
Wheat	446	76,581	6,234,738	421,249	260	312,000
Sunflowers	68	4,886	438,591	44,425	60	84,000
Barley	95	2,616	138,831	17,180	20	24,000
All others	35	793	36,133	6,411	7	2,450
Burleigh						
Wheat	335	52,634	2,968,202	321,339	125	212,500
Sunflowers	59	6,392	449,409	50,406	30	60,000
Barley	76	1,930	97,759	21,380	2	632
All others	184	6,946	300,572	46,905	29	24,350
Cass						
Wheat	590	82,085	6,955,031	387,615	48	64,970
Sunflowers	440	28,798	2,566,378	163,050	48	74,324
Barley	303	32,637	2,325,962	167,471	11	7,318
All others	564	41,962	3,934,063	370,181	112	396,497
Cavalier						
Wheat	361	36,481	7,085,161	679,570	129	438,600
Sunflowers	132	13,612	1,132,519	92,349	115	356,500
Barley	266	27,070	1,928,068	142,854	35	87,500
All others	116	2,586	144,368	22,518	16	30,548
Dickey						
Wheat	96	12,760	842,117	91,221	71	117,546
Sunflowers	36	5,324	411,052	49,014	21	73,729
Barley	28	1,825	100,495	16,190	8	15,170
All others	71	1,823	133,860	17,575	7	13,617
Divide						
Wheat	528	95,368	7,907,936	463,377	130	211,250
Sunflowers	56	4,968	406,766	38,023	25	30,000
Barley	69	1,504	78,464	9,952	4	1,200
All others	29	558	20,472	3,419	8	3,200
Dunn						
Wheat	262	46,988	2,883,903	319,982	75	198,375
Sunflowers	10	1,101	67,788	7,814	7	9,400
Barley	42	1,188	62,276	11,048	1	54
All others	59	2,986	112,331	20,762	6	7,835
Eddy						
Wheat	156	28,683	2,155,763	175,516	30	60,000
Sunflowers	105	20,295	1,564,063	139,670	50	125,000
Barley	32	301	23,461	3,014	1	402
All others	54	1,727	66,026	8,906	4	3,999
Emmons						
Wheat	513	86,615	3,565,452	393,381	80	100,000
Sunflowers	36	4,619	243,659	28,366	25	50,000
Barley	64	972	32,784	6,427	5	1,697
All others	301	13,146	501,603	65,401	81	108,610
Foster						
Wheat	169	35,446	2,663,101	182,312	15	22,500
Sunflowers	118	26,852	1,903,933	156,933	20	30,000
Barley	47	946	54,586	5,545	4	800
All others	42	1,015	47,447	4,576	0	0
Golden Valley						
Wheat	156	29,254	2,192,156	268,549	120	192,000
Barley	16	1,269	81,057	11,956	2	2,007
All others	11	882	38,356	8,112	1	0
Grand Forks						
Wheat	340	49,048	3,773,081	193,404	20	26,100
Sunflowers	259	22,187	1,783,809	106,264	40	58,400
Barley	282	21,938	1,648,364	91,436	7	6,683
All others	480	32,865	3,118,327	232,718	108	637,407
Grant						
Wheat	228	31,308	1,777,968	207,955	100	120,000
Sunflowers	21	3,541	238,937	34,212	20	40,000
Barley	37	1,664	72,169	14,896	2	1,389
All others	63	2,377	88,830	15,109	15	12,500
Griggs						
Wheat	207	27,033	2,109,749	121,493	10	15,360
Sunflowers	128	9,526	683,182	47,808	18	16,200
Barley	96	5,581	400,807	29,128	3	482
All others	75	2,980	135,224	11,759	4	5,051
Hettinger						
Wheat	391	105,959	7,538,408	795,016	300	600,000
Sunflowers	35	8,133	505,677	64,483	40	80,000
Barley	70	2,835	150,365	28,186	21	41,205
All others	66	2,235	89,907	15,484	12	6,172
Kidder						
Wheat	231	29,351	1,250,821	184,625	45	58,500
Sunflowers	39	5,819	323,259	42,359	20	52,000
Barley	35	671	22,997	5,077	0	0
All others	110	5,817	177,915	40,999	30	27,000
LaMoure						
Wheat	250	39,548	2,533,580	231,203	13	10,915
Sunflowers	134	15,180	1,218,665	118,759	25	64,601
Barley	104	3,262	171,588	19,446	3	2,010
All others	196	6,508	290,841	37,940	16	15,154
Logan						
Wheat	190	34,395	1,465,710	201,714	65	120,900
Sunflowers	8	1,798	96,336	11,595	12	41,400
Barley	20	587	22,574	4,261	1	655
All others	78	2,093	61,633	13,029	16	10,777
McHenry						
Wheat	536	77,758	4,410,419	323,513	75	90,000
Sunflowers	121	19,022	1,213,511	107,643	100	250,000
Barley	152	5,298	261,244	32,974	10	10,000
All others	189	4,562	156,888	19,055	17	8,695
McIntosh						
Wheat	424	65,880	3,053,089	272,561	185	194,250
Sunflowers	28	3,078	178,048	23,945	20	56,000
Barley	42	487	19,608	3,308	6	1,232
All others	245	10,275	331,093	52,268	115	56,574
McKenzie						
Wheat	292	62,737	4,348,111	428,183	100	176,500
Sunflowers	9	937	62,407	5,887	5	8,500
Barley	38	1,257	77,805	10,435	6	6,000
All others	21	1,091	103,043	8,573	3	1,200
McLean						
Wheat	889	164,395	11,902,132	715,675	375	937,500
Sunflowers	123	21,539	1,586,998	150,976	75	120,000
Barley	144	3,008	149,268	14,857	20	20,000
All others	185	3,975	149,315	17,552	20	11,000
Mercer						
Wheat	202	25,200	1,560,556	120,972	12	19,200
Sunflowers	4	665	43,140	4,655	2	3,320
Barley	26	164	5,995	939	0	0
All others	45	1,684	68,659	10,222	1	557
Morton						
Wheat	235	30,616	1,629,742	204,621	40	48,000
Barley	35	1,237	63,748	11,669	4	2,884
All others	183	7,165	297,036	41,952	46	35,001

Source: Federal Crop Insurance Corporation, Bismarck, North Dakota. * Totals may not add due to rounding.

FEDERAL CROP INSURANCE DATA - 1982 (Cont.)*

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	Dols.)	(No.)	(Dols.)
Mountrail						
Wheat	812	131,070	10,947,383	735,220	310	883,500
Sunflowers	102	9,403	711,662	69,285	65	117,000
Barley	205	4,046	249,453	29,300	15	11,250
All others	130	3,125	151,615	25,377	21	29,325
Nelson						
Wheat	352	62,182	4,163,549	323,454	30	45,000
Sunflowers	189	19,957	1,352,235	120,426	42	63,000
Barley	201	5,061	319,009	27,021	4	3,400
All others	141	2,602	97,446	9,422	27	10,300
Oliver						
Wheat	136	16,035	984,893	98,974	13	16,893
Barley	40	967	41,809	7,728	3	2,358
All others	41	2,648	110,965	17,846	2	2
Pembina						
Wheat	320	73,764	7,156,102	348,994	85	495,125
Sunflowers	139	7,616	642,553	37,191	60	150,000
Barley	156	12,291	910,376	77,874	20	43,000
All others	218	16,561	2,706,233	273,260	214	1,880,960
Pierce						
Wheat	380	60,522	3,252,598	274,751	50	35,000
Sunflowers	90	11,735	778,913	67,373	40	40,000
Barley	136	6,469	309,096	40,282	10	4,000
All others	174	7,617	265,603	25,700	12	7,561
Ramsey						
Wheat	393	71,183	4,926,278	386,781	33	32,862
Sunflowers	132	15,104	1,168,438	98,829	57	109,440
Barley	244	11,879	723,358	58,129	30	30,000
All others	63	3,297	182,929	21,081	42	53,676
Ransom						
Wheat	327	54,621	4,800,409	340,412	199	354,564
Sunflowers	197	20,768	1,868,447	156,045	120	261,480
Barley	143	8,036	505,315	44,998	10	11,820
All others	170	6,053	327,397	37,208	43	31,623
Renville						
Wheat	464	82,542	6,641,411	355,138	75	112,500
Sunflowers	108	9,690	865,839	76,200	60	131,160
Barley	220	10,506	596,592	56,212	10	6,329
All others	114	1,726	85,034	10,501	8	10,544
Richland						
Wheat	336	49,574	4,388,856	196,203	141	280,742
Sunflowers	305	14,584	1,323,202	78,265	73	134,320
Barley	201	9,402	701,102	58,963	30	48,665
All others	501	56,333	5,459,309	314,147	129	301,698
Rolette						
Wheat	253	39,083	2,140,415	196,616	75	187,500
Sunflowers	75	10,395	713,889	64,830	80	96,000
Barley	102	3,066	189,084	19,999	20	20,000
All others	45	693	19,987	2,614	5	3,000
Sargent						
Wheat	266	42,410	3,925,556	284,396	240	415,585
Sunflowers	160	17,310	1,549,811	138,606	93	186,000
Barley	112	3,036	382,524	34,946	22	24,952
All others	135	3,307	171,784	20,168	45	33,164
Sheridan						
Wheat	301	42,198	2,269,250	208,750	120	231,000
Sunflowers	67	9,516	614,085	65,707	65	152,750
Barley	69	1,797	73,825	10,388	14	21,650
All others	90	2,970	95,539	11,934	11	7,862
Sioux						
Wheat	80	10,695	481,211	75,300	30	45,000
Barley	19	243	8,664	1,769	2	3,380
All others	42	3,971	137,739	25,330	22	32,442
Slope						
Wheat	107	34,006	2,530,571	310,255	100	200,000
Sunflowers	3	244	16,004	2,071	2	7,504
Barley	31	2,007	105,460	17,942	15	16,500
All others	19	575	25,948	5,439	5	2,755
Stark						
Wheat	351	60,360	4,349,654	495,439	200	320,000
Sunflowers	9	2,008	130,636	15,421	10	25,000
Barley	39	1,411	71,070	11,776	8	15,394
All other	91	5,392	223,267	36,651	27	15,594

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Steele						
Wheat	93	13,167	1,200,866	49,755	3	1,500
Sunflowers	204	15,810	1,385,427	68,204	11	17,875
Barley	82	4,316	352,148	20,136	0	0
All others	265	63,778	4,372,720	137,307	11	36,359
Stutsman						
Wheat	499	103,291	7,053,423	520,073	27	44,337
Sunflowers	278	47,058	3,385,218	275,733	37	117,984
Barley	117	4,341	285,968	26,538	1	338
All others	215	7,226	357,607	37,835	13	14,698
Towner						
Wheat	263	59,134	4,260,058	352,322	100	300,000
Sunflowers	87	11,128	865,957	70,009	80	240,000
Barley	175	14,561	920,278	78,003	45	67,500
All others	66	2,254	116,390	16,183	13	10,831
Traill						
Wheat	139	21,600	2,145,592	77,984	3	4,905
Sunflowers	90	3,439	356,801	19,285	18	16,470
Barley	122	11,555	1,034,515	43,260	3	3,600
All others	142	8,122	1,469,428	95,066	12	61,562
Walsh						
Wheat	250	45,448	3,615,239	223,818	66	185,526
Sunflowers	113	6,951	514,107	37,781	51	96,900
Barley	142	8,734	591,028	45,108	22	37,515
All others	184	11,871	2,283,210	179,751	133	980,517
Ward						
Wheat	1,065	175,321	12,513,791	808,279	135	175,500
Sunflowers	231	26,964	2,207,756	194,255	110	165,000
Barley	333	10,117	590,053	56,649	22	6,600
All others	326	6,529	327,062	41,211	41	20,523
Wells						
Wheat	406	71,042	4,752,061	354,694	120	192,000
Sunflowers	209	31,904	2,193,058	204,516	90	180,000
Barley	123	4,975	287,237	34,208	8	4,800
All others	75	1,802	70,533	9,164	6	6,000
Williams						
Wheat	876	176,844	13,954,430	797,497	320	896,000
Sunflowers	73	6,521	449,278	38,397	35	70,000
Barley	140	3,622	203,083	23,086	20	28,000
All others	48	1,648	84,031	12,042	10	14,162

STATE SUMMARY

Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Wheat	18,753	3,255,297	231,577,795	17,809,277	5,655	11,140,097
Oats	2,796	98,211	3,927,122	547,032	395	254,862
Flax	2,492	53,422	2,134,679	299,567	434	393,457
Forg Seeding	84	1,253	37,490	4,180	15	11,250
Forg Prod	11	66	2,246	294	1	188
Sugar Beets	100	11,563	3,857,699	180,665	22	200,161
Corn	327	19,117	1,619,686	184,941	126	281,289
L. Crop	927	257,779	21,827,023	779,381	76	153,198
Sunflower	5,750	639,375	49,474,252	4,154,817	2,447	5,059,867
Soybeans	635	58,038	4,630,117	458,632	137	312,903
Potatoes	21	2,859	966,546	55,706	15	122,217
Barley	6,134	302,756	19,609,965	1,727,350	582	719,314
Rye	32	758	40,073	4,723	3	316
Beans	436	35,966	2,329,070	594,090	429	3,495,706
TOTAL	38,498	4,736,460	345,233,763	26,800,655	10,328	22,054,907

Source: Federal Crop Insurance Corporation, Bismarck, North Dakota. * Totals may not add due to rounding.

GRAIN SHIPMENTS

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1981 - JUNE 30, 1982 1/

District and County	Hard Red Spring Wheat				Durum				Oats			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	--- Thousand Bushels ---				--- Thousand Bushels ---				--- Thousand Bushels ---			
Burke	1,264	228	30	1,522	1,091	302	--	1,393	--	77	--	77
Divide	270	75	51	396	3,013	94	--	3,107	9	54	--	63
Mountrail	303	88	44	435	5,248	340	--	5,588	--	62	--	62
Renville	788	417	99	1,304	1,371	225	--	1,596	5	295	--	300
Ward	4,979	462	82	5,523	7,111	471	--	7,582	109	899	--	1,008
Williams	3,972	1,100	151	4,523	2,996	842	--	3,838	--	47	--	47
Northwest	10,828	2,369	456	13,703	20,831	2,274	--	23,105	122	1,434	--	1,556
Benson	785	135	--	920	3,563	587	--	4,150	43	91	--	134
Bottineau	1,345	173	13	1,531	5,122	99	2	5,223	--	315	--	315
McHenry	3,476	956	3	4,435	1,020	117	--	1,137	85	353	--	438
Pierce	1,037	264	--	1,301	1,157	129	--	1,286	13	142	--	155
Rolette	178	64	39	281	2,039	138	--	2,177	3	25	--	28
North Central	6,820	1,592	55	8,467	12,901	1,069	2	13,972	144	926	--	1,070
Cavalier	2,781	866	--	3,653	4,405	477	--	4,882	--	3	--	3
Grand Forks	4,860	3,324	209	8,393	883	326	2	1,211	240	72	--	312
Nelson	1,782	338	27	2,147	3,676	242	--	3,918	48	35	--	83
Pembina	3,464	3,593	185	7,242	168	155	--	323	14	38	--	52
Ramsey	2,053	327	--	2,381	6,292	476	--	6,768	10	39	--	49
Towner	137	114	3	254	3,404	767	--	4,171	5	8	--	8
Walsh	8,127	954	172	9,253	1,416	110	8	1,534	58	16	--	74
Northeast	23,210	9,518	597	33,325	20,245	2,552	10	22,807	369	211	--	580
Dunn	264	549	--	813	--	3	--	3	--	1	--	1
McKenzie	1,080	612	55	1,747	181	281	--	462	--	5	--	5
McLean	1,867	1,908	92	3,927	3,711	199	--	3,910	17	186	--	203
Mercer	734	451	19	1,204	48	44	--	92	--	9	--	9
West Central	3,945	3,579	166	7,690	3,940	527	--	4,467	17	201	--	218
Eddy	431	351	--	782	555	62	--	617	89	71	--	160
Foster	2,252	431	2	2,685	1,066	196	--	1,262	48	150	--	198
Kidder	793	222	69	1,084	485	23	--	508	13	70	--	83
Sheridan	788	779	--	1,567	258	51	--	309	4	167	--	171
Stutsman	4,634	1,240	30	5,904	2,229	486	--	2,715	90	212	--	302
Wells	3,234	906	26	4,166	1,510	351	--	1,861	9	184	--	193
Central	12,131	3,929	127	16,187	6,103	1,169	--	7,272	252	855	--	1,107
Barnes	5,808	1,189	83	7,080	1,070	107	--	1,177	36	239	--	275
Cass	4,289	5,343	76	9,708	1,118	500	--	1,618	272	198	--	470
Griggs	2,032	366	91	2,489	267	101	--	368	16	65	--	81
Steele	3,313	395	73	3,781	532	29	--	561	--	48	--	48
Traill	3,780	1,421	72	5,273	420	94	--	514	57	311	--	368
East Central	19,222	8,714	395	28,331	3,407	831	--	4,238	381	861	--	1,242
Adams	372	485	17	874	153	46	--	199	--	5	--	5
Bowman	444	1,141	15	1,600	295	301	--	596	--	12	--	12
Golden Valley	161	846	--	1,007	14	369	--	383	--	--	--	--
Hettinger	84	3,097	85	3,266	478	199	--	677	--	--	--	--
Stark	1,414	2,127	85	3,626	77	114	--	191	--	2	--	2
Southwest	2,475	7,696	202	10,373	1,016	1,028	--	2,044	--	19	--	19
Burleigh	706	1,311	--	2,017	139	102	--	241	9	120	--	129
Emmons	1,873	552	21	2,446	61	13	--	74	4	70	--	74
Grant	140	1,192	3	1,335	25	6	--	31	--	--	--	--
Morton	506	2,811	--	3,317	18	68	--	86	--	8	--	8
Sioux	10	83	11	104	4	12	--	16	--	--	--	--
South Central	3,235	5,949	35	9,220	248	201	--	449	13	199	--	212
Dickey	1,703	136	--	1,839	424	4	--	428	90	182	--	272
LaMoure	3,131	380	66	3,577	841	22	--	863	32	173	--	205
Logan	2,087	614	91	2,792	727	44	--	771	5	45	--	50
McIntosh	1,902	438	30	2,370	211	15	--	226	13	74	--	87
Ransom	2,198	119	--	2,317	188	5	--	193	436	24	--	460
Richland	3,692	1,474	--	5,166	265	35	--	300	579	213	--	792
Sargent	2,755	228	30	2,813	733	14	--	747	384	130	--	514
Southeast	17,266	3,390	217	20,873	3,388	138	--	3,526	1,537	840	--	2,377
STATE	99,182	46,736	2,251	148,169	72,080	9,789	12	81,881	2,835	5,544	--	8,379

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS (Cont.)

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY
AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1981 - JUNE 30, 1982 1/

District and County	Barley				Sunflower			Flaxseed			Rye		
	Rail	Truck	C.C.C.	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Thousand Bushels)				(Thousand Bushels)			(Thousand Bushels)			(Thousand Bushels)		
Burke	81	49	--	130	195	122	317	--	7	7	3	8	12
Divide	26	40	--	66	284	96	381	--	2	2	1	--	1
Mountrail	105	8	--	113	283	195	478	--	3	3	--	9	12
Renville	485	129	--	614	171	230	400	--	31	31	--	36	36
Ward	755	352	--	1,107	6,267	448	6,715	3	149	152	--	85	85
Williams	35	108	--	143	74	337	411	--	--	--	--	46	46
Northwest	1,488	688	--	2,176	7,273	1,428	8,702	3	192	195	4	184	191
Benson	620	381	--	1,001	2,160	1,657	3,818	33	59	93	--	25	25
Bottineau	2,634	435	--	3,069	2,838	816	3,654	5	214	218	--	315	315
McHenry	402	85	--	487	2,571	1,213	3,784	--	77	77	2	158	160
Pierce	438	29	--	467	686	434	1,120	--	109	109	4	59	62
Rolette	496	51	--	547	478	393	871	--	33	33	--	26	26
North Central	4,590	982	--	5,572	8,733	4,512	13,245	38	492	530	5	583	588
Cavalier	4,680	1,261	--	5,941	750	209	960	18	230	248	3	--	3
Grand Forks	6,582	1,706	2	8,290	2,387	2,595	4,982	--	44	44	9	4	13
Nelson	1,543	301	--	1,844	2,368	1,552	3,920	3	161	164	3	48	51
Pembina	1,273	1,965	3	3,241	619	719	1,338	--	49	49	3	5	9
Ramsey	2,186	601	--	2,787	2,652	1,207	3,859	77	217	294	--	8	8
Towner	1,454	315	--	1,769	460	320	780	--	65	65	--	--	--
Walsh	3,930	704	--	4,634	2,324	834	3,158	25	107	132	--	20	20
Northeast	21,648	6,852	5	28,505	11,561	7,435	18,996	124	873	996	19	85	104
Dunn	--	--	--	--	4	56	60	--	--	--	--	2	2
McKenzie	--	6	--	6	9	6	15	--	--	--	--	4	4
McLean	36	40	--	76	1,535	393	1,928	1	171	172	10	62	72
Mercer	--	7	--	7	78	25	103	--	6	6	--	--	--
West Central	36	53	--	89	1,627	479	2,106	1	177	178	10	68	79
Eddy	228	38	--	266	383	1,191	1,574	--	55	55	6	22	28
Foster	118	99	--	217	3,497	2,830	6,328	3	45	49	--	35	35
Kidder	13	6	4	23	4	61	66	--	57	57	7	24	31
Sheridan	148	126	--	274	405	294	699	--	44	44	3	14	17
Stutsman	2,293	1,394	--	3,687	6,615	2,877	9,492	--	137	137	--	82	82
Wells	642	395	--	1,037	3,857	1,229	5,086	--	132	132	--	19	19
Central	3,442	2,059	4	5,505	14,762	8,482	23,244	3	472	475	16	195	211
Barnes	2,708	2,013	10	4,731	4,180	1,821	6,000	27	139	166	3	15	18
Cass	9,663	2,438	--	12,101	3,763	5,564	9,326	--	76	76	6	14	20
Griggs	674	583	--	1,257	685	1,859	2,544	3	60	63	3	5	8
Steele	2,170	1,101	15	3,286	1,210	2,061	3,271	--	53	53	--	9	9
Traill	6,216	2,180	3	8,399	658	2,267	2,925	--	20	20	--	--	--
East Central	21,430	8,315	28	29,773	10,496	13,571	24,067	30	347	377	12	43	56
Adams	--	--	--	--	--	5	5	--	3	3	--	2	2
Bowman	8	--	--	8	183	28	211	--	2	2	--	1	1
Golden Valley	--	--	--	--	--	10	10	--	4	4	--	--	--
Hettinger	--	3	--	3	7	735	742	--	2	2	20	77	97
Stark	--	--	--	--	101	149	250	--	3	3	--	12	12
Southwest	8	3	--	11	291	928	1,219	--	14	14	20	92	112
Burleigh	--	45	--	45	367	352	719	--	45	45	--	14	14
Emmons	3	4	--	7	74	130	205	--	86	86	4	15	19
Grant	--	--	--	--	97	591	688	--	2	2	--	16	16
Morton	--	10	--	10	203	17	220	--	15	15	--	11	11
Sioux	--	--	--	--	--	--	--	--	--	--	2	--	2
South Central	3	60	--	63	741	1,090	1,831	--	147	147	6	57	63
Dickey	738	74	--	812	1,970	1,703	3,674	5	40	45	34	33	66
LaMoure	415	229	--	644	3,204	1,741	4,946	--	219	219	19	80	99
Logan	20	43	--	63	883	494	1,377	6	182	188	10	20	30
McIntosh	5	--	--	5	373	28	401	--	140	140	7	19	25
Ransom	637	46	--	683	1,053	1,426	2,479	15	26	41	9	13	23
Richland	5,277	357	--	5,634	1,023	1,696	2,719	--	34	34	8	7	15
Sargent	170	97	--	267	1,462	1,028	2,491	3	60	64	60	19	78
Southeast	7,261	847	--	8,108	9,970	8,117	18,086	29	702	731	146	191	337
STATE	59,906	19,858	37	79,801	65,453	46,043	111,496	228	3,415	3,644	240	1,497	1,741

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS (Cont.)

HARD RED SPRING WHEAT AND DURUM WHEAT SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1981 - JUNE 30, 1982 1/ 2/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	254	116	856	266	794	313	14	273
Divide	24	28	258	36	1,191	1,505	55	355
Mountrail	32	22	304	34	2,467	1,595	47	1,479
Renville	435	319	294	157	911	336	10	340
Ward	1,315	585	3,253	288	4,820	1,735	314	713
Williams	71	73	4,072	157	844	2,025	136	833
Northwest	2,130	1,142	9,037	937	11,027	7,509	576	3,992
Benson	652	77	35	156	2,898	553	--	699
Bottineau	620	204	536	158	3,605	899	2	716
McHenry	2,382	908	758	383	699	223	--	215
Pierce	935	98	105	162	675	157	--	453
Rolette	166	37	11	27	1,514	274	--	389
North Central	4,756	1,325	1,445	887	9,391	2,105	2	2,472
Cavalier	2,482	683	1	486	3,591	897	--	394
Grand Forks	6,425	1,279	--	480	874	205	--	130
Nelson	1,385	402	15	318	1,895	1,168	1	855
Pembina	6,017	407	--	634	239	33	--	52
Ramsey	1,751	242	3	385	4,799	857	--	1,112
Towner	151	38	24	38	2,677	592	10	893
Walsh	6,589	937	--	1,555	1,174	188	--	163
Northeast	24,800	3,988	43	3,897	15,249	3,939	11	3,598
Dunn	58	262	370	122	--	--	--	3
McKenzie	40	171	1,138	343	122	242	15	83
McLean	1,016	1,397	1,119	303	1,924	1,488	2	497
Mercer	51	167	934	33	43	32	--	17
West Central	1,165	1,997	3,561	800	2,089	1,763	17	599
Eddy	495	180	--	108	400	75	--	142
Foster	1,677	793	67	147	1,083	144	--	34
Kidder	477	404	--	133	362	143	--	3
Sheridan	724	546	18	278	256	40	--	13
Stutsman	4,156	1,324	25	369	2,010	585	--	120
Wells	2,230	415	1,186	308	1,194	352	--	314
Central	9,759	3,662	1,295	1,343	5,306	1,340	--	626
Barnes	5,360	975	378	284	924	202	--	51
Cass	6,193	3,064	86	289	1,298	231	--	90
Griggs	1,767	385	10	236	247	85	--	35
Steele	3,348	225	--	135	504	16	--	41
Traill	3,645	703	432	421	332	79	--	103
East Central	20,313	5,353	906	1,364	3,305	613	--	320
Adams	1	116	687	53	33	124	1	47
Bowman	--	21	1,268	296	13	435	2	146
Golden Valley	--	121	810	76	7	352	2	22
Hettinger	79	613	1,636	853	113	378	3	183
Stark	97	857	2,148	439	90	52	6	42
Southwest	177	1,729	6,549	1,716	255	1,342	14	435
Burleigh	657	1,068	257	34	168	73	--	1
Emmons	1,278	837	42	268	35	39	--	--
Grant	38	281	609	405	23	8	--	--
Morton	309	1,484	1,279	246	37	47	1	1
Sioux	8	38	3	44	8	8	--	--
South Central	2,291	3,707	2,189	997	272	174	1	2
Dickey	696	888	194	82	339	82	--	7
LaMoure	2,299	729	--	483	642	154	--	67
Logan	1,763	661	46	230	578	132	--	60
McIntosh	1,224	907	78	131	165	60	1	--
Ransom	1,782	410	--	126	132	60	--	--
Richland	1,761	3,075	--	329	180	110	--	9
Sargent	1,371	1,044	--	368	305	382	--	59
Southeast	10,897	7,714	298	1,748	2,343	980	1	202
STATE	76,287	30,617	25,324	13,689	49,237	19,766	620	12,246

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS (Cont.)

BARLEY AND OATS SHIPMENTS FROM COMMERCIAL STORAGES
BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1981 - JUNE 30, 1982 1/ 2/

District and County	Barley				Oats			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	18	58	6	49	--	8	46	23
Divide	13	3	35	15	--	18	42	3
Mountrail	31	60	3	19	--	6	46	10
Renville	183	157	28	247	11	245	24	20
Ward	201	231	54	621	6	601	186	215
Williams	3	14	95	31	--	--	37	10
Northwest	449	524	220	982	17	877	381	281
Benson	245	397	23	337	19	69	--	46
Bottineau	605	299	317	1,848	9	170	94	47
McHenry	122	248	5	111	55	274	26	82
Pierce	33	183	--	251	8	137	4	6
Rolette	199	251	--	97	11	17	--	--
North Central	1,204	1,378	345	2,644	102	667	125	176
Cavalier	3,334	1,661	--	946	2	1	--	--
Grand Forks	3,155	3,671	36	1,425	188	59	20	45
Nelson	633	928	--	283	35	44	--	5
Pembina	2,249	562	25	401	34	12	--	5
Ramsey	1,174	1,158	4	450	22	23	--	3
Towner	669	585	37	478	8	--	--	--
Walsh	2,899	1,249	90	396	8	62	3	--
Northeast	14,114	9,815	193	4,379	297	202	23	58
Dunn	--	--	--	--	--	--	--	--
McKenzie	2	--	3	--	--	5	1	--
McLean	16	18	26	17	3	86	51	62
Mercer	--	--	7	--	--	6	2	2
West Central	18	18	36	17	3	97	54	63
Eddy	105	125	--	36	16	119	--	24
Foster	115	102	1	--	--	86	4	112
Kidder	8	4	--	7	--	79	--	3
Sheridan	40	88	3	143	--	126	--	43
Stutsman	675	59	137	2,816	81	206	1	15
Wells	281	255	14	488	6	152	22	12
Central	1,224	632	155	3,490	103	769	24	210
Barnes	2,857	442	17	1,406	17	139	--	119
Cass	4,668	2,682	51	4,700	--	465	1	4
Griggs	856	185	12	204	34	47	--	--
Steele	1,969	324	44	934	1	42	--	5
Traill	2,814	2,489	55	3,038	3	173	3	190
East Central	13,164	6,121	178	10,282	56	865	4	317
Adams	--	--	--	--	--	--	2	3
Bowman	--	8	--	--	9	3	--	--
Golden Valley	--	--	--	--	--	--	--	--
Hettinger	--	--	3	--	--	--	--	--
Stark	--	--	--	--	--	--	1	1
Southwest	--	8	3	--	9	3	3	5
Burleigh	24	1	12	8	--	124	3	3
Emmons	2	5	--	--	--	43	--	33
Grant	--	--	--	--	--	--	--	--
Morton	6	--	1	3	--	6	2	--
Sioux	--	--	--	--	--	--	--	--
South Central	33	6	13	11	--	172	4	36
Dickey	228	480	--	85	2	232	6	29
LaMoure	509	37	--	98	4	177	--	19
Logan	29	30	--	4	17	32	--	--
McIntosh	--	5	--	--	5	68	--	15
Ransom	392	276	--	14	24	356	2	73
Richland	143	491	11	4,486	60	387	--	145
Sargent	115	117	--	36	12	388	3	108
Southeast	1,437	1,436	11	5,224	135	1,840	13	389
STATE	31,642	19,936	1,156	27,029	722	5,891	632	1,536

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS (Cont.)

SUNFLOWER AND FLAXSEED SHIPMENTS FROM COMMERCIAL STORAGES
BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1981 - JUNE 30, 1982 1/ 2/

District and County	Sunflower				Flaxseed			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	196	30	--	91	--	7	--	--
Divide	164	--	44	172	--	1	--	1
Mountrail	249	26	14	189	--	3	--	--
Renville	217	122	--	62	2	26	--	3
Ward	3,130	266	243	3,076	--	145	--	7
Williams	127	6	57	221	--	--	--	--
Northwest	4,083	451	357	3,811	2	181	--	12
Benson	3,004	104	159	550	14	78	--	1
Bottineau	2,418	131	18	1,087	--	209	--	9
McHenry	1,582	124	134	1,943	6	68	--	3
Pierce	880	110	12	118	--	104	--	4
Rolette	583	25	--	262	--	29	--	4
North Central	8,468	494	324	3,960	20	489	--	21
Cavalier	644	187	--	130	1	240	--	8
Grand Forks	4,014	72	64	832	--	41	1	2
Nelson	2,800	294	--	826	16	142	--	6
Pembina	1,243	34	3	58	2	46	--	1
Ramsey	3,144	91	18	606	24	251	--	19
Towner	632	2	4	141	--	63	--	3
Walsh	2,954	137	--	66	1	112	--	18
Northeast	15,430	817	89	2,660	44	894	1	56
Dunn	7	3	3	45	--	--	--	--
McKenzie	8	6	--	--	--	--	--	--
McLean	1,205	77	77	569	9	148	--	16
Mercer	50	14	--	39	--	6	--	--
West Central	1,271	101	80	653	9	153	--	16
Eddy	649	95	--	831	--	53	--	3
Foster	2,758	197	74	3,298	1	35	--	12
Kidder	48	8	--	10	--	47	--	11
Sheridan	524	18	--	157	--	40	--	5
Stutsman	5,904	341	7	3,240	28	99	--	11
Wells	3,946	428	--	713	--	100	--	32
Central	13,828	1,087	81	8,249	29	374	--	73
Barnes	4,626	430	2	943	--	131	1	35
Cass	4,106	404	106	4,710	--	64	--	11
Griggs	1,644	101	77	722	1	45	--	17
Steele	2,737	130	--	404	--	52	--	1
Traill	1,745	38	71	1,071	2	15	--	3
East Central	14,859	1,103	256	7,849	3	307	1	67
Adams	--	3	--	2	--	3	--	--
Bowman	--	79	2	130	--	1	--	1
Golden Valley	2	5	--	4	--	4	--	--
Hettinger	221	107	--	414	--	2	--	--
Stark	34	27	2	188	--	3	--	--
Southwest	256	220	4	738	--	14	--	1
Burleigh	200	139	--	380	--	45	--	--
Emmons	69	99	--	36	--	76	--	10
Grant	178	128	--	381	--	2	--	--
Morton	181	24	--	15	--	15	--	--
Sioux	--	--	--	--	--	--	--	--
South Central	629	390	--	812	--	137	--	10
Dickey	2,560	283	--	831	1	43	--	1
LaMoure	3,473	351	--	1,121	5	186	3	24
Logan	740	279	--	358	--	188	--	--
McIntosh	336	59	--	6	--	134	--	6
Ransom	1,238	51	--	1,190	5	135	--	1
Richland	1,445	505	1	768	--	30	--	4
Sargent	1,775	472	--	243	1	41	--	22
Southeast	11,568	2,001	1	4,516	12	657	3	59
STATE	70,391	6,664	1,192	33,249	118	3,207	4	314

1/ Does not include "Cull" shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

CUSTOM FARM WORK RATES

STATE-WIDE AVERAGES, NORTH DAKOTA, 1982 WITH COMPARISONS

Operation	Average Rate 1977	1980	1981	1982 Most Frequent Rate Reported	1982 Avg. Rate
	- - - Dollars per Acre - - -				
LAND TILLAGE					
DEEP TILLAGE					
Plowing	5.80	6.14	6.00	5.00	6.11
Alfalfa Sod Breaking	7.23	7.94	7.63	8.00	7.52
Heavy Disking	3.50	4.31	4.33	4.00	4.55
Deep Chisel	3.40	4.40	4.28	4.00	4.59
SHALLOW TILLAGE					
Duckfoot or Wide Sweep	2.34	3.14	3.28	3.00	3.52
One-Way Disk	3.13	3.87	3.41	4.00	3.76
Single Disk	2.15	3.41	3.00	3.00	3.09
Tandem Disk	2.59	3.76	3.33	4.00	3.88
Rod Weeder	2.06	2.91	2.93	2.50	3.13
Rotary Hoe	2.11	2.59	2.93	3.00	2.42
Harrowing	1.14	1.99	1.92	2.00	2.26
Row Crop Cultivation					
Wide-Row (31 in.)	2.59	3.33	3.36	3.00	3.39
Narrow-Row (31 in.)	2.70	3.36	3.46	3.00	3.48
SMALL GRAIN SEEDING					
REGULAR DRILLING					
With Fertilizer Appl.	3.28	4.42	4.15	4.00	4.68
Without Fertilizer Appl.	2.95	3.87	3.75	4.00	4.14
PONY PRESS DRILL					
With Fertilizer Appl.	6.50	7.64	7.56	6.00	6.89
Without Fertilizer Appl.		6.77	6.90	6.00	6.33
HOE DRILL	3.73	4.66	4.56	5.00	4.67
AIR SEEDER	NA	4.99	4.64	5.00	4.80
NO TILL DRILL	NA	NA	4.99	5.00	5.47
ROW CROP PLANTING					
Corn	3.85	4.15	4.43	5.00	4.37
Soybeans	3.70	3.94	4.41	5.00	4.68
Dry Edible Beans	NA	4.17	4.59	5.00	4.62
Potatoes	6.75	7.24	6.47	6.00	5.91
Sugarbeets	3.45	5.33	6.43	5.00	5.45
Sunflower	3.63	4.33	4.58	5.00	4.77
FERTILIZER APPLICATION					
Dry Fertilizer	1.61	2.14	2.37	2.00	2.58
Liquid Fertilizer	1.79	2.52	2.71	2.50	3.08
Anhydrous Ammonia	3.04	3.68	3.64	4.00	3.82
CHEMICAL APPLICATION					
BY SURFACE VEHICLES					
Herbicides	1.38	1.86	2.05	2.00	2.08
Insecticides	1.49	2.14	2.15	2.00	2.11
Fungicides	1.70	2.21	2.21	2.00	2.14
Desiccants	NA	2.31	2.21	2.00	2.13
BY AIRCRAFT					
Herbicides	1.82	2.55	2.86	3.00	3.02
Insecticides	2.10	2.67	2.94	3.00	3.10
Fungicides	2.25	2.82	3.03	3.00	3.21
Desiccants	NA	2.88	3.07	3.00	3.24
HARVESTING CROPS					
SWATHING					
Self-Propelled	2.46	3.12	3.52	4.00	3.55
PTO Unit	2.18	2.93	3.12	3.00	3.16
COMBINING*					
From Swaths					
Wheat, All**	8.61	11.02	12.69	12.00	12.67
Oats	8.52	10.86	12.44	12.00	12.38
Barley	8.56	11.09	12.58	12.00	12.67
Rye	8.72	11.35	12.38	12.00	12.69
Flaxseed	8.77	11.25	12.66	12.00	12.85
Soybeans	9.69	11.96	14.17	12.00	14.31
Dry Edible Beans	NA	13.66	16.84	15.00	15.91
Straight Combining					
Wheat, All**	NA	NA	12.99	12.00	12.76
Corn	12.31	13.01	13.18	15.00	15.10
Sunflower (per cwt.)	9.33	12.12	13.73	15.00	13.52
Soybeans	NA	NA	14.31	15.00	14.46
DRY BEAN HARVESTING					
Cutting Only	NA	NA	7.62	10.00	7.66
Windrowing	NA	NA	4.70	5.00	4.70
Cutting & Windrowing	NA	NA	9.58	10.00	12.84
HAYING					
Mowing	2.40	3.12	3.38	3.00	3.43
Mowing & Conditioning	3.63	4.47	5.04	5.00	5.29
Swathing	2.94	3.87	4.45	5.00	4.57
Side Delivery Raking	1.69	2.13	2.14	2.00	2.28

Operation	Average Rate 1977	1980	1981	1982 Most Frequent Rate Reported	1982 Avg. Rate
HAYING CONT.					
BALING	- - - Dollars/Bale - - -				
Square bales with twine	.221	.263	.280	.25	.280
Round bales 800-999 lbs.	NA	4.46	4.52	5.00	4.51
Round bales 1000-1300 lbs.	4.43	5.06	5.08	5.00	5.12
Round bales over 1500 lbs.	NA	5.96	6.37	5.00	5.81
MECHANIZED LOOSE HAY STACKING	- - - Dollars/Ton or Stack - - -				
Per Ton	NA	5.55	7.76	4.00	7.04
Per Stack					
1.5 - 3 Ton Stack	NA	17.59	17.98	15.00	17.21
3 - 6 Ton Stack	NA	25.10	25.24	24.00	21.81
More Than 6 Ton Stack	NA	NA	25.86	25.00	23.25
MAKING CORN SILAGE					
FIELD CHOPPING ONLY	- - - Dollars/Unit - - -				
Per Acre	10.16	13.59	15.09	15.00	15.76
Per Hour	25.00	30.06	35.80	35.00	35.46
FIELD CHOPPING PLUS HAULING TO SILO					
Per Acre	NA	16.55	17.77	20.00	18.42
Per Hour	NA	41.77	48.16	50.00	48.94
FIELD CHOPPING PLUS HAULING TO AND FILLING SILO					
Per Acre	14.54	18.32	22.16	25.00	21.60
Per Hour	34.38	43.00	53.33	42.00	51.22
DRYING GRAIN	- - - Cents/Bushel - - -				
Wheat, All**	14.8	16.2	16.2	10.0	15.0
Barley	15.0	15.2	16.5	10.0	15.3
Corn	19.0	18.0	21.1	20.0	18.1
Oats	NA	NA	18.3	10.0	14.7
Flax	NA	NA	18.9	20.0	17.2
Sunflower (per cwt.)	20.9	27.3	28.9	20.0	28.6
HAULING CHARGES					
HAULING GRAIN					
Wheat, All**	8.1	10.8	11.1	10.0	10.7
Oats	7.4	9.2	10.6	10.0	9.8
Barley	7.7	10.1	11.2	10.0	10.1
Flax	NA	NA	11.8	10.0	11.0
Corn	NA	NA	10.8	10.0	10.7
Sunflower (per cwt.)	NA	14.9	16.0	10.0	17.0
HAULING HAY	- - - Dollars/Bale - - -				
Small Square Bales	NA	.184	.17	.10	.182
Large Round Bales					
800-999 lbs.	NA	1.73	1.72	1.00	1.50
1000-1500 lbs.	NA	3.00	1.97	2.00	2.00
Over 1500 lbs.	NA	4.25	NA	1.00	2.20
MOVING LOOSE HAYSTACKS	- - - Dollars/Stack - - -				
1.5 - 3 Ton	NA	9.52	9.24	10.00	10.10
3 - 6 Ton	NA	13.29	10.68	10.00	12.24
More Than 6 Ton	NA	13.19	11.93	12.00	12.71
CLEANING & TREATING	- - - Dollars/Bushel - - -				
SEED GRAIN					
Cleaning Only	.181	.221	.240	.25	.254
Treating Only	.196	.263	.270	.25	.318
Cleaning & Treating	NA	.457	.486	.50	.542
FLAXSEED					
Cleaning Only	.282	.409	.419	.50	.426
Treating Only	.247	.313	.303	.50	.381
Cleaning & Treating	NA	.719	.702	1.00	.766
MISCELLANEOUS					
SPRAYING LIVESTOCK	- - - Dollars/Head - - -				
Cattle	.46	.55	.67	1.00	.71
Sheep	.34	.53	.65	1.00	.73
DIPPING LIVESTOCK					
Cattle	NA	1.16	1.21	1.00	1.28
Sheep	NA	.95	.94	1.00	1.08
BRANDING LIVESTOCK					
Calves	1.02	1.15	1.03	1.00	1.15
Sheep	.73	.88	.83	1.00	1.07
Shearing Sheep	.97	1.34	1.36	1.50	1.18
DIGGING POST HOLES ($/Hole)	1.07	1.14	1.43	1.00	1.42
Average Depth (Feet)	3.3	3.1	3.4	3.0	3.4
ON-FARM FEED GRINDING & MIXING	- - - Dollars/100 Bu. - - -				
Mobile Truck	9.40	12.03	15.21	19.00	15.08
PTO Unit	7.22	11.35	11.93	15.00	13.15
	- - - Dollars/Hour - - -				
Farm Drainage/Ditching	29.07	43.24	48.32	40.00	50.34
Land Leveling	28.00	42.67	32.50	50.00	51.55
Rock Picking	20.58	22.34	33.07	30.00	37.02

* Excludes hauling to storage. ** Includes durum, other spring and winter.

CUSTOM RATES (Cont.)

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1982

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(Dollars per Acre)				(Dollars per Acre)				(Dollars per Acre)			
	PLOWING				ALFALFA SOD BREAKING				HEAVY DISKING			
Northwest	20	3.00-10.00	5.00	6.13	6	5.00-12.00	5.00	8.00	11	3.00-9.00	3.00	5.02
North Central	16	4.00- 8.50	5.00	5.34	9	4.00- 8.00	6.00	5.89	14	3.00-7.00	3.00	4.09
Northeast	49	4.00-10.00	5.00	6.25	11	5.50-12.00	6.00	7.64	27	2.00-8.00	5.00	4.66
West Central	9	3.00- 6.50	6.00	5.61	9	4.00- 8.00	8.00	6.94	9	3.00-6.00	5.00	4.83
Central	17	3.00-10.00	5.00	6.24	13	4.00-12.00	7.00	8.23	17	2.00-8.00	4.00	4.87
East Central	9	4.00- 9.00	5.00	6.11	5	6.00- 9.00	6.00	7.40	12	3.00-6.00	4.00	4.27
Southwest	9	3.00- 9.50	7.50	7.00	7	3.50-11.00	8.00	8.71	9	2.50-6.00	3.00	4.14
South Central	14	4.00-10.00	5.00	5.50	8	5.00- 9.00	5.00	6.44	11	2.00-8.00	3.00	3.93
Southeast	22	3.00-10.00	5.00	6.45	15	3.50-12.00	8.00	8.00	26	2.50-9.00	4.00	4.70
STATE	165	3.00-10.00	5.00	6.11	83	3.50-12.00	8.00	7.52	136	2.00-9.00	4.00	4.55
	DEEP CHISEL				DUCKFOOT				TANDEM DISK			
Northwest	17	2.75-8.00	4.00	4.90	22	2.50-6.00	3.00	3.85	9	2.50-6.00	4.00	4.39
North Central	19	2.00-8.00	4.00	4.00	15	1.50-6.00	2.50	3.20	16	1.50-6.50	4.50	4.09
Northeast	31	3.00-7.00	5.00	4.73	33	1.50-5.00	3.50	3.29	23	1.80-7.50	3.50	3.96
West Central	13	1.75-6.00	4.00	4.27	16	1.50-6.00	3.00	3.56	9	2.75-5.00	3.00	3.53
Central	18	2.00-8.00	4.00	4.69	16	1.75-7.00	3.00	3.77	14	1.50-7.00	4.00	4.25
East Central	11	3.00-8.00	4.00	4.68	8	2.00-6.00	3.00	3.75	8	3.00-7.00	3.00	4.25
Southwest	8	2.00-7.00	4.00	4.66	13	2.00-6.00	4.00	3.60	8	2.00-5.00	3.50	3.59
South Central	10	2.00-8.00	4.00	4.03	11	1.50-5.00	3.00	2.98	8	1.50-6.00	3.00	3.09
Southeast	22	1.00-9.00	5.00	4.93	26	1.50-6.00	4.00	3.68	19	1.25-6.00	3.00	3.78
STATE	149	1.00-9.00	4.00	4.59	160	1.50-7.00	3.00	3.52	114	1.25-7.50	4.00	3.88
	HARROWING				WIDE-ROW CROP CULTIVATION				NARROW-ROW CROP CULTIVATION			
Northwest	12	.75-5.00	2.00	2.65	9	2.00-6.00	3.50	3.89	24	2.50-6.50	3.00	4.01
North Central	17	1.00-3.50	2.00	2.23	14	2.00-4.00	3.00	2.98	15	2.00-5.00	3.00	3.05
Northeast	36	1.00-3.00	2.00	1.85	38	1.00-5.50	3.00	3.49	57	1.00-5.50	4.00	3.39
West Central	8	1.50-5.00	2.00	2.25	8	1.50-6.00	3.00	3.56	11	2.50-6.00	3.00	4.09
Central	14	1.50-5.00	3.00	2.91	16	1.00-7.00	3.50	3.39	25	1.00-8.00	3.00	3.37
East Central	4	1.50-2.50	2.00	2.00	8	2.50-5.00	4.00	3.63	12	2.50-5.00	4.00	3.81
Southwest	4	1.00-3.50	1.00	1.88	1/				3	1.00-5.00	1/	3.17
South Central	6	1.00-4.00	2.00	2.58	4	2.50-5.00	2.50	3.25	7	2.00-6.00	3.00	3.14
Southeast	21	.75-5.00	2.00	2.37	22	1.00-6.00	3.00	3.27	24	1.00-6.00	3.00	3.21
STATE	122	.75-5.00	2.00	2.26	121	1.00-7.00	3.00	3.39	178	1.00-8.00	3.00	3.48
	SMALL GRAIN SEEDING REGULAR DRILL WITH FERTILIZER ATTACHMENT				SMALL GRAIN SEEDING REGULAR DRILL WITHOUT FERTILIZER ATTACHMENT				CORN PLANTING			
Northwest	15	2.50- 7.00	4.00	4.85	20	2.00-6.00	5.00	4.24	8	2.00-7.50	5.00	5.13
North Central	18	2.75-10.00	4.00	4.86	16	2.00-8.50	5.00	3.98	11	4.00-8.00	4.50	5.48
Northeast	51	1.50-10.00	4.00	4.49	40	2.00-8.00	3.00	3.99	37	3.00-6.50	5.00	4.55
West Central	12	2.75-10.00	4.00	4.92	13	2.00-8.00	4.00	4.40	12	2.00-8.50	5.00	5.00
Central	15	3.00- 9.00	4.00	5.27	15	3.00-8.00	4.50	4.80	25	2.00-8.00	5.00	5.00
East Central	10	3.50- 8.00	4.00	5.45	7	2.00-7.00	3.50	4.14	13	4.00-8.00	4.00	4.92
Southwest	16	2.00- 8.00	4.00	4.27	11	1.50-7.00	4.50	3.91	4	2.00-3.00	1/	3.50
South Central	11	1.50- 6.00	4.50	3.89	10	1.25-7.00	4.00	3.30	16	2.50-6.00	5.00	4.31
Southeast	25	2.00- 7.50	4.00	4.67	22	2.00-7.00	5.00	4.30	44	2.50-7.50	5.00	4.76
STATE	173	1.50-10.00	4.00	4.68	154	1.25-8.50	5.00	4.14	170	2.00-8.50	5.00	4.77

1/ Too few reports for stable average; included in state figures.

CUSTOM RATES (Cont.)

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1982

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(Dollars per Acre)				(Dollars per Acre)				(Dollars per Acre)			
	SUNFLOWER PLANTING				GROUND APPLICATION DRY FERTILIZER				GROUND APPLICATION LIQUID FERTILIZER			
Northwest	41	2.50-8.00	5.00	5.20	17	1.50-4.50	3.00	2.76	10	2.00-6.50	3.00	3.33
North Central	31	2.50-8.00	5.00	4.63	19	1.00-3.50	2.00	2.09	17	1.50-4.50	2.00	2.79
Northeast	97	2.00-7.50	5.00	4.59	67	1.00-5.00	2.50	2.75	43	1.00-6.00	2.50	3.11
West Central	15	4.00-8.00	5.00	5.53	14	1.00-4.00	2.00	2.21	6	1.50-6.00	3.00	3.33
Central	39	2.00-8.00	5.00	4.86	20	1.50-6.00	2.00	2.93	13	2.00-7.00	3.00	3.60
East Central	17	3.50-6.50	5.00	4.68	22	1.50-4.00	2.00	2.49	16	1.50-4.00	2.50	2.63
Southwest	8	3.00-6.00	5.00	4.31	8	1.00-4.00	2.00	2.75	5	2.50-5.00	2.50	3.70
South Central	12	3.00-6.00	5.00	4.58	13	1.00-4.00	2.00	2.27	5	2.00-3.50	2.00	2.80
Southeast	51	2.50-7.50	5.00	4.72	48	1.00-6.00	2.00	2.51	28	1.50-6.00	2.50	3.03
STATE	311	2.00-8.00	5.00	4.77	228	1.00-6.00	2.00	2.58	143	1.00-7.00	2.50	3.08
	GROUND APPLICATION ANHYDROUS AMMONIA				GROUND APPLICATION HERBICIDES				GROUND APPLICATION INSECTICIDES			
Northwest	19	1.25-6.50	3.50	4.28	69	1.00-3.50	2.00	2.04	17	1.25-3.50	1.50	1.97
North Central	23	1.50-5.00	2.00	3.33	36	1.00-4.50	1.50	1.99	18	1.00-4.50	2.00	2.19
Northeast	36	1.25-8.00	4.00	4.01	120	1.00-5.00	1.50	2.04	64	1.00-3.75	1.50	2.14
West Central	8	2.50-6.00	2.50	3.81	43	1.00-5.00	2.00	2.35	13	1.50-5.00	1.50	2.48
Central	26	2.50-8.00	4.00	4.31	52	1.00-3.00	1.50	1.89	21	1.25-3.50	2.00	1.96
East Central	14	2.00-7.00	3.00	4.46	39	1.00-3.00	2.00	2.04	22	1.00-3.50	2.50	2.25
Southwest	8	1.00-5.00	3.50	2.97	31	1.00-4.00	2.00	2.04	15	1.00-3.00	2.50	1.98
South Central	12	1.00-5.00	1.00	2.46	60	1.00-3.00	1.50	1.88	26	1.10-2.75	1.50	1.77
Southeast	30	1.50-8.00	4.00	3.58	97	1.00-5.00	2.00	2.33	37	1.40-3.50	2.00	2.25
STATE	196	1.00-8.00	4.00	3.82	547	1.00-5.00	2.00	2.08	233	1.00-5.00	2.00	2.11
	GROUND APPLICATION FUNGICIDES				GROUND APPLICATION DESICCANTS				AIR APPLICATION HERBICIDES			
Northwest	11	1.25-3.50	1.50	1.95	7	1.25-3.00	1.50	1.86	44	2.00-4.25	3.00	3.20
North Central	15	1.00-4.50	2.00	2.21	16	1.00-4.50	2.50	2.26	36	1.00-6.00	3.00	2.82
Northeast	50	1.00-3.50	1.50	2.17	38	1.00-3.50	2.00	2.03	135	1.25-6.00	3.00	3.20
West Central	9	1.50-5.00	1.50	2.56	9	1.50-5.00	1.50	2.56	22	1.50-3.95	3.00	2.93
Central	11	1.25-3.00	1.75	2.11	4	1.75-3.00	3.00	2.44	35	2.00-5.00	2.50	2.77
East Central	20	1.00-3.00	2.00	2.17	18	1.00-3.00	2.50	2.24	50	2.00-4.50	3.00	3.04
Southwest	11	1.00-3.00	2.50	2.00	7	1.25-3.00	2.50	2.18	24	1.50-5.25	2.50	2.73
South Central	25	1.10-3.50	1.50	1.83	26	1.10-3.75	1.50	1.83	20	1.60-4.50	2.00	2.92
Southeast	26	1.40-4.00	2.00	2.32	18	1.85-3.50	2.00	2.40	68	1.00-5.00	3.00	2.93
STATE	178	1.00-5.00	2.00	2.14	143	1.00-5.00	2.00	2.13	434	1.00-6.00	3.00	3.02
	AIR APPLICATION INSECTICIDES				AIR APPLICATION FUNGICIDES				AIR APPLICATION DESICCANTS			
Northwest	18	2.00-6.00	3.00	3.34	12	2.00-5.00	3.00	3.53	8	2.00-4.00	3.00	3.09
North Central	31	1.00-6.00	3.00	3.03	26	2.00-6.00	3.00	3.11	23	2.00-6.00	3.00	3.13
Northeast	111	1.25-6.00	3.00	3.26	106	1.50-6.00	3.00	3.38	70	2.00-6.00	3.00	3.32
West Central	10	2.00-3.50	3.25	2.91	7	2.00-3.50	3.50	3.00	6	2.00-3.50	3.50	2.96
Central	23	2.00-5.00	2.50	2.91	18	2.25-5.00	2.50	3.19	15	2.00-5.00	3.00	3.30
East Central	45	2.00-4.50	3.00	3.07	40	2.00-4.50	3.00	3.10	37	2.00-4.50	3.00	3.19
Southwest	16	1.50-5.25	2.50	2.69	11	1.50-5.25	3.00	2.75	8	1.75-5.25	3.00	3.00
South Central	9	2.00-4.00	3.00	3.03	8	2.00-4.00	3.75	3.18	8	2.00-4.00	3.75	3.21
Southeast	45	1.00-5.00	3.00	2.99	38	1.00-4.50	3.00	3.05	26	2.25-5.00	3.00	3.33
STATE	308	1.00-6.00	3.00	3.10	266	1.00-6.00	3.00	3.21	201	1.75-6.00	3.00	3.24

CUSTOM RATES (Cont.)

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1982

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(Dollars per Acre)				(Dollars per Acre)				(Dollars per Acre)			
	STRAIGHT COMBINING				**STRAIGHT CONT.**				**FROM SWATHS CONT.**			
	WHEAT, ALL*				DRY EDIBLE BEANS				DRY EDIBLE BEANS			
Northwest	126	10.00-18.00	12.00	12.57	6	11.00-15.00	14.00	13.33	7	11.00-22.50	14.00	14.64
North Central	44	9.00-15.00	12.00	12.27	1/				1/			
Northeast	107	6.50-19.00	14.00	13.65	23	9.00-25.00	15.00	17.83	23	8.00-25.00	15.00	17.37
West Central	65	9.50-20.00	12.00	12.70	5	10.00-20.00	15.00	14.40	8	10.00-25.00	12.00	15.06
Central	47	7.00-16.00	12.00	12.76	6	10.00-25.00	10.00	15.33	8	10.00-20.00	10.00	13.00
East Central	52	8.00-18.00	12.00	12.94	30	8.00-30.00	15.00	16.28	22	8.00-30.00	15.00	16.00
Southwest	57	8.00-16.00	12.00	12.70	8	12.00-16.00	13.00	13.38	8	12.00-16.00	13.00	13.25
South Central	46	9.00-15.00	12.00	11.61	4	10.00-18.00	10.00	12.50	1/			
Southeast	61	10.00-16.00	12.00	12.76	12	12.00-25.00	12.00	17.63	14	12.00-25.00	12.00	17.71
STATE	605	6.50-20.00	12.00	12.76	95	8.00-30.00	15.00	16.12	96	8.00-30.00	15.00	15.91
					COMBINING FROM SWATHS							
	SUNFLOWER				WHEAT, ALL*				BARLEY			
Northwest	58	10.00-20.00	14.00	13.57	137	6.00-17.00	12.00	12.53	80	10.00-17.00	12.00	12.65
North Central	42	10.00-16.00	13.00	12.79	65	9.00-15.00	12.00	12.05	47	9.00-15.00	12.00	11.96
Northeast	103	8.00-20.00	15.00	13.99	156	6.00-20.00	14.00	13.30	130	6.00-17.00	14.00	13.36
West Central	23	10.00-18.00	14.00	13.76	96	9.50-20.00	12.00	12.67	48	9.50-17.00	12.00	12.76
Central	60	9.00-17.00	15.00	13.51	88	8.00-16.00	12.00	12.86	64	7.00-16.00	12.00	12.63
East Central	70	8.00-20.00	14.00	13.44	77	8.00-18.00	12.00	12.66	66	8.00-18.00	12.00	12.61
Southwest	24	8.00-20.00	14.00	14.23	78	4.50-17.00	12.00	13.13	45	4.50-16.00	12.00	12.79
South Central	52	9.00-20.00	12.00	12.93	118	9.00-17.00	12.00	12.35	76	9.00-17.00	12.00	12.39
Southeast	108	10.00-18.00	12.00	13.44	128	8.00-16.00	12.00	12.27	78	8.00-17.00	12.00	12.21
STATE	550	8.00-20.00	15.00	13.52	943	4.50-20.00	12.00	12.67	634	4.50-18.00	12.00	12.67
	CORN				OATS				RYE			
Northwest	16	10.00-16.00	14.00	13.38	82	10.00-18.00	12.00	12.66	47	10.00-17.00	14.00	12.93
North Central	9	15.00-20.00	15.00	16.94	50	9.00-15.00	12.00	11.96	37	9.00-14.00	12.00	11.86
Northeast	23	10.00-25.00	14.00	16.83	89	6.00-17.00	14.00	13.40	48	6.00-17.00	14.00	13.04
West Central	7	10.00-18.00	15.00	14.57	59	9.50-17.00	12.00	12.58	19	10.00-18.00	12.00	12.89
Central	22	10.00-20.00	10.00	14.66	61	7.00-16.00	12.00	12.63	44	9.00-16.00	12.00	12.86
East Central	28	8.00-25.00	15.00	15.14	58	8.00-18.00	12.00	12.59	15	8.00-16.00	12.00	12.83
Southwest	14	12.00-17.00	13.00	13.86	45	4.50-16.00	12.00	12.61	31	4.50-20.00	12.00	13.05
South Central	20	9.00-20.00	12.00	14.25	88	9.00-17.00	12.00	12.37	29	10.00-17.00	12.00	12.41
Southeast	76	10.00-22.50	15.00	15.35	77	8.00-16.00	12.00	12.19	40	10.00-17.00	10.00	12.31
STATE	215	8.00-25.00	15.00	15.10	609	4.50-18.00	12.00	12.58	310	4.50-20.00	12.00	12.69
	SOYBEANS				SOYBEANS				FLAXSEED			
Northwest	6	11.00-15.00	14.00	13.33	6	11.00-15.00	14.00	13.33	36	10.00-20.00	14.00	13.28
North Central	1/				1/				36	9.00-14.00	12.00	11.88
Northeast	27	8.00-20.00	15.00	15.41	26	12.00-21.00	15.00	15.67	74	6.00-18.00	14.00	13.53
West Central	5	10.00-15.00	15.00	13.00	8	10.00-15.00	12.00	12.44	22	10.00-18.00	12.00	12.70
Central	6	10.00-16.00	13.00	13.17	12	10.00-16.00	15.00	13.17	43	10.00-16.00	12.00	13.01
East Central	37	8.00-20.00	15.00	14.01	26	8.00-20.00	14.00	14.23	19	8.00-16.00	12.00	12.42
Southwest	9	12.00-16.00	13.00	13.67	8	12.00-16.00	13.00	13.25	19	4.50-18.00	12.00	13.05
South Central	5	10.00-18.00	10.00	12.80	4	10.00-20.00	10.00	14.00	31	9.00-20.00	12.00	12.37
Southeast	17	12.00-21.00	15.00	16.12	16	11.00-21.00	12.00	15.13	41	9.00-18.00	12.00	12.51
STATE	113	8.00-21.00	15.00	14.46	108	8.00-21.00	12.00	14.31	321	4.50-20.00	12.00	12.85

* Includes durum, other spring and winter wheat.
1/ Too few reports for stable average; included in state figures.

CUSTOM RATES (Cont.)

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1982

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	SWATHING GRAIN Self-Propelled (Dollars per Acre)				SWATHING GRAIN PTO UNIT (Dollars per Acre)				MOWING HAY (Dollars per Acre)			
Northwest	47	1.75- 7.00	3.00	3.59	26	1.50- 5.00	3.00	3.08	4	1.50- 4.50	1.50	3.25
North Central	23	2.00- 4.50	4.00	3.36	12	1.50- 4.00	3.00	3.00	6	2.00- 4.00	3.00	3.00
Northeast	53	1.00- 5.00	4.00	3.39	40	1.75- 5.00	3.00	3.20	14	2.50- 6.00	3.00	3.57
West Central	35	2.20- 7.50	4.00	3.80	16	1.50- 5.00	4.00	3.25	4	2.00- 4.00	4.00	3.25
Central	38	2.00- 7.00	3.00	3.23	14	1.25- 3.75	3.00	2.71	1/			
East Central	23	1.50- 6.00	4.00	3.22	13	2.00- 3.00	3.00	2.73	4	3.00- 5.00	5.00	4.25
Southwest	42	2.00- 6.00	3.50	3.78	17	2.00- 6.00	3.00	3.57	6	2.50- 6.00	5.00	4.33
South Central	79	2.00- 7.50	4.00	3.73	13	2.00- 6.00	3.00	3.65	12	1.50- 5.00	3.00	3.38
Southeast	48	1.50- 6.00	3.00	3.45	12	1.50- 5.50	2.00	3.08	12	1.50- 5.00	2.00	2.94
STATE	408	1.00- 7.50	4.00	3.55	163	1.25- 6.00	3.00	3.16	64	1.50- 6.00	3.00	3.43
	SWATHING HAY (Dollars per Acre)				MAKING CORN SILAGE Field Chopping Only (Dollars per Acre)				BALING Square Bales w/Twine (Dollars per Bale)			
Northwest	16	2.30- 6.00	4.00	3.97	5	10.00-35.00	10.00	17.85	29	.18- .50	.25	.26
North Central	5	1.25- 5.25	5.00	3.90	1/				19	.20- .50	.25	.29
Northeast	20	2.00-10.00	4.00	4.18	7	6.00-30.00	25.00	18.71	38	.10- .60	.25	.28
West Central	28	3.00-10.00	5.00	4.91	13	12.00-16.00	14.00	13.77	19	.15- .60	.25	.28
Central	11	2.50- 5.00	5.00	3.97	15	10.00-20.00	15.00	15.90	15	.17- .50	.25	.29
East Central	9	2.00- 7.00	5.00	4.28	7	12.00-30.00	20.00	18.43	14	.12- .45	.25	.30
Southwest	32	2.00-10.00	6.00	5.32	5	6.00-20.00	6.00	12.60	25	.10- .45	.30	.30
South Central	35	1.50-12.50	4.00	4.61	33	10.00-20.00	15.00	15.53	26	.10- .50	.25	.27
Southeast	13	2.00- 5.00	4.00	3.88	29	10.00-25.00	15.00	15.67	23	.12- .50	.30	.27
STATE	169	1.25-12.50	5.00	4.37	117	6.00-35.00	15.00	15.76	208	.10- .60	.25	.28
	BALING Round Bales, 1000-1500 lbs. (Dollars per Bale)				CLEANING SEED GRAIN (Dollars per Bushel)				TREATING SEED GRAIN (Dollars per Bushel)			
Northwest	72	3.50-10.00	5.00	5.34	127	.05- .50	.25	.22	33	.05- .75	.25	.28
North Central	48	3.50- 7.00	5.00	5.08	59	.13- .40	.25	.24	18	.20- .60	.20	.38
Northeast	50	2.00-10.00	5.00	5.07	115	.08- .55	.25	.27	49	.13- .55	.25	.33
West Central	64	4.00- 7.50	5.00	5.43	70	.10- .35	.20	.21	22	.10- .65	.30	.26
Central	50	3.75- 6.50	4.00	4.65	56	.15- .60	.25	.26	15	.05- .50	.25	.30
East Central	37	4.00- 7.00	5.00	4.82	77	.20- .60	.50	.36	44	.10- .75	.30	.42
Southwest	57	4.50- 8.00	6.00	6.12	53	.15- .55	.25	.26	27	.10- .56	.25	.29
South Central	71	3.50- 8.00	5.00	4.96	85	.08- .50	.25	.24	25	.10- .80	.15	.26
Southeast	75	3.00- 9.00	4.00	4.57	112	.10- .50	.25	.25	9	.05- .55	.05	.23
STATE	524	2.00-10.00	5.00	5.12	754	.05- .60	.25	.25	242	.50- .80	.25	.32
	CLEANING FLAXSEED (Dollars per Bushel)				FARM DRAINAGE OR DITCHING (Dollars per Hour)				ROCK PICKING (Dollars per Hour)			
Northwest	17	.16- .50	.25	.32	16	20.00-75.00	30.00	51.25	17	5.00-75.00	15.00	30.94
North Central	16	.25- .68	.50	.45	9	40.00-75.00	50.00	55.56	6	5.00-60.00	30.00	30.00
Northeast	23	.12- .75	.25	.41	31	20.00-85.00	40.00	47.00	11	12.00-40.00	20.00	22.50
West Central	14	.18- .65	.25	.34	4	40.00-55.00	40.00	45.00	8	25.00-80.00	59.00	44.50
Central	28	.15- 1.00	.30	.46	17	20.00-85.00	60.00	58.82	17	8.00-80.00	50.00	46.94
East Central	17	.30- 1.10	.50	.58	6	15.00-65.00	15.00	44.17	6	10.00-60.00	10.00	30.33
Southwest	4	.25- .75	.40	.45	5	25.00-65.00	35.00	38.00	7	5.00-55.00	15.00	25.29
South Central	16	.25- .80	.35	.43	6	30.00-87.50	30.00	41.79	26	5.00-85.00	50.00	41.15
Southeast	30	.10- .70	.50	.40	17	20.00-85.00	40.00	53.24	9	10.00-80.00	50.00	47.22
STATE	165	.10- 1.10	.30	.43	111	15.00-87.50	40.00	50.54	107	5.00-85.00	30.00	37.02

1/ Too few reports for stable average; included in state figures.

CUSTOM RATES (Cont.)

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1982

District	Basic Charge				Average Maximum One-Way Mileage at Basic Charge		Add'l. Charge per Mile if Over Base Mileage
	No. of Rpts.	Range in Rates	Most Frequent Rate Reported	Average Rate	No. Rpts.	Avg. Miles	
	(No.)	(Cents/Bushel)			(No.)	(No.)	(Cents/Bushel)
HAULING							
WHEAT							
Northwest	107	5-25	10	11.1	82	13.5	2.8
North Central	42	5-12	10	9.2	33	11.0	1/
Northeast	71	5-30	10	11.6	54	13.5	2.0
West Central	56	5-20	10	11.4	37	16.8	2.4
Central	34	5-25	10	9.5	31	14.7	3.6
East Central	42	2-46	10	9.5	31	12.0	1/
Southwest	47	5-17	10	11.0	33	12.9	5.6
South Central	59	5-20	10	10.9	43	14.8	4.2
Southeast	41	4-30	10	10.0	24	11.6	1/
STATE	499	2-50	10	10.7	370	13.6	3.2
OATS							
Northwest	42	3-25	10	10.0	30	14.0	2.0
North Central	33	5-12	10	8.9	22	10.2	1/
Northeast	38	4-15	10	10.6	32	13.4	2.4
West Central	26	5-15	10	10.5	16	17.6	3.0
Central	21	5-12	10	8.0	19	15.4	3.3
East Central	28	2-30	10	9.3	21	11.9	1/
Southwest	29	5-15	10	9.8	21	14.5	4.3
South Central	41	5-15	10	10.1	30	14.7	3.6
Southeast	28	4-30	10	9.9	16	11.6	1/
STATE	286	2-30	10	9.8	207	13.7	3.0
BARLEY							
Northwest	54	5-25	10	10.7	39	14.4	3.5
North Central	33	5-12	10	9.0	23	10.4	1/
Northeast	51	5-25	10	10.8	44	13.6	2.4
West Central	26	5-15	10	10.2	19	16.3	3.0
Central	20	5-12	10	8.3	17	15.5	3.6
East Central	29	2-30	10	9.6	21	11.9	1/
Southwest	28	5-15	10	10.3	20	13.2	4.3
South Central	34	5-15	10	10.4	26	14.5	3.6
Southeast	24	4-30	10	10.4	13	10.8	1/
STATE	299	2-30	10	10.1	222	13.5	3.2
SUNFLOWER							
		(Cents/Cwt.)					(Cents/Cwt.)
Northwest	29	8-55	10	22.0	19	18.7	3.4
North Central	11	6-35	8	15.4	10	16.8	1/
Northeast	30	5-50	10	18.0	22	14.9	2.8
West Central	8	10-25	10	15.6	5	14.4	1/
Central	12	5-50	7	15.6	11	16.9	5.5
East Central	14	3-40	10	13.9	11	12.3	1/
Southwest	16	5-30	12	11.3	8	16.1	4.8
South Central	10	8-35	10	15.8	8	13.4	4.0
Southeast	16	10-50	10	18.5	5	10.4	1/
STATE	146	3-55	10	17.0	99	15.5	3.5

District	Basic Charge				Average Maximum Moisture Content For Basic Charge		Extra Charge Charge for Each Add'l. 1% Moisture Removed
	No. of Rpts.	Range in Rates	Most Frequent Rate Reported	Average Rate	No. Rpts.	Avg. Moist.	
	(No.)	(Cents/Bushel)			(No.)	(Percent)	(Cents/Bushel)
DRYING							
WHEAT							
Northwest	52	8-35	20	18.1	42	16.7	2.4
North Central	25	6-20	10	13.5	23	16.0	3.2
Northeast	85	6-40	10	14.3	79	15.8	2.3
West Central	17	7-20	10	12.7	15	16.5	3.7
Central	18	3-25	20	13.3	16	15.6	3.7
East Central	32	6-35	10	14.4	24	16.6	4.5
Southwest	23	5-35	10	15.1	21	16.3	3.8
South Central	15	5-40	25	19.9	6	15.2	1/
Southeast	21	4-30	15	12.6	20	15.9	2.8
STATE	288	3-40	10	15.0	246	16.1	3.0
SUNFLOWER							
		(Cents/Cwt.)					(Cents/Cwt.)
Northwest	28	9-65	15	21.9	25	15.7	6.3
North Central	22	16-80	40	31.3	22	15.0	5.1
Northeast	47	7-60	20	27.9	44	14.3	6.6
West Central	12	9-25	20	15.7	10	15.4	5.5
Central	23	10-50	20	24.9	20	13.9	6.1
East Central	36	8-75	20	33.4	44	15.4	7.3
Southwest	14	15-65	20	31.4	12	14.3	5.0
South Central	8	10-80	50	43.1	4	14.5	6.5
Southeast	36	7-50	35	28.6	37	14.6	7.9
STATE	240	7-80	20	28.6	218	14.8	6.4

1/ Too few reports for stable average; included in state figures.

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WHERE TO FIND HISTORIC COUNTY ESTIMATES

Most county estimates are issued through a procedure whereby preliminary estimates are subject to revision the following year. Also, changes may be made following the review of Census of Agriculture data which are normally available every five years. Thus, individual estimates for the same item may be released in three different publications, two of which may be out of date.

The publication reference below shows which publication contains the most up-to-date county estimates for a particular commodity in a particular year. Each county estimate publication is assigned a sequential bulletin number which serves to uniquely identify it. To use the table simply locate the commodity of interest in the left hand column. Read across that row until the desired year is found. The heading at the top of that column identifies the proper publication in which to find the county estimates.

The reference table shows all available historic county estimates beginning with the first year that estimates were prepared and continuing through 1982 for most commodities. County estimates for most major crops were begun in 1919 and for livestock in 1925 although there are exceptions to both as indicated in the table. Separate estimates of the production of corn for grain were begun in 1957, while corn silage and forage acreage estimates were not begun until 1959. Estimates of commercial grain storage capacity were not made in 1959, nor in 1961-64.

Estimates for all livestock are on a January 1 inventory number basis until 1968 when hog inventory was changed to a December 1 basis. The chicken inventory date was changed to December 1 in 1970. Cattle and sheep inventory dates remain January 1. County estimates for all sheep were dropped after 1940 and begun again in 1971 to conform with Agricultural Census wording.

PUBLICATION REFERENCE

Item	Agricultural Statistics									
	No. 3 1/	No. 5	No. 9	No. 33	No. 36	No. 43	No. 46	No. 49	No. 50	No. 52
Wheat, All	1919-54			1955-70		1971-75		1976-79	1980	1981-82
Winter 2/				1964-70		1971-75		1976-79	1980	1981-82
Durum	1929-54			1955-70		1971-75		1976-79	1980	1981-82
Other Spring	1929-54			1955-70		1971-75		1976-79	1980	1981-82
Oats		**1919-54**			**1955-70**	**1971-75**		**1976-79**	**1980**	**1981-82**
Barley		**1919-54**			**1955-70**	**1971-75**		**1976-79**	**1980**	**1981-82**
Rye		**1919-54**			**1955-70**	**1971-75**		**1976-79**	**1980**	**1981-82**
Flaxseed	*1919-54						1955-75	1976-79	1980	1981-82
Corn			1919-54		1955-69	1970-75		1976-79	1980	1981-82
Soybeans	3/						1954-75	1976-79	1980	1981-82
Potatoes			1919-54				1955-75	1976-79	1980	1981-82
Sugarbeets							**1958-75**	**1976-79**	**1980**	**1981-82**
Sunflower							**1969-75**	**1976-79**	**1980**	**1981-82**
Dry Edible Beans								**1977-79**	**1980**	**1981-82**
Dry Field Peas 4/							**1959-69**			
Hay, By Kind			1949-54				1955-75	1976-79	1980	1981-82
All Tame Hay			1919-48							
Summer Fallow							1949-75	1976-79		1980-82
Grain Storage Capacity (Commercial)							1958-75	1976-79	1980	1981-83

LIVESTOCK INVENTORY	No. 7	No. 17 1/	No. 30				
Cattle, All	1925-60	1961-66	1967-71	1972-76		1977-80	1981-83
Milk Cows	1925-60	1961-66	1967-71	1972-76		1977-80	1981-83
Hogs, All	**1925-60**	**1961-66**	**1967-70**	**1972-75**		**1976-79**	**1980-82**
Sheep, All	**1925-40**			**1971-76**		**1977-80**	**1981-83**
Stock Sheep 5/	**1941-60**	**1961-66**	**1967-71**	**1972-75**			
Chickens, All 6/	1951-60	1961-66	1967-70	1971-73			
Horses, All	1925-49	- - - - - - County Estimates Discontinued After 1949 - - - - - -					

* Agricultural Statistics No. 2. 1/ Supply exhausted. Photo copies can be obtained through a local printer for approximately $10-12. 2/ Included in Other Spring Wheat prior to 1964. 3/ State estimates 1924-53. 4/ Estimates discontinued after 1966. 5/ County estimates discontinued after 1975. 6/ County estimates discontinued after 1973.